

Spokane County, WA

Risk-assessment baseline packet

County FIPS: 53063 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 2031-06-02. Plan: Spokane County (2025) (FEMA plan 110587), approved 2026-06-03.

Since the plan was approved on 2026-06-03: 5 new hazard declarations (2 incidents) and 1 NOAA Storm Events record; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$52,919,382 a year), Cold Wave (\$20,075,429) and Wildfire (\$7,006,312).

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; 53063 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 2031-06-02	Plan:	Spokane County (2025) (FEMA plan 110587)
Approved:	2026-06-03	Days to expiry:	1,706
What changed since your last plan (approved 2026-06-03)			
New federal declarations:	5 new hazard declarations (2 incidents): FM-5638-WA (Upriver Fire), FM-5656-WA (Old Trails Fire), FM-5658-WA (Fairview Fire), FM-5659-WA (Autumn Lane Fire), EM-3650-WA (Wildfires)	Storm Events records since approval:	1 record (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 1 (44 CFR 77.2); any definition: 2	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: 14 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Spokane County	County	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Airway Heights city	City	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Cheney city	City	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Deer Park city	City	Plan 110587 approved 2026-06-03, pending adoption here; not yet eligible	Spokane County (2025) (FEMA plan 110587), pending adoption here	2026-06-03 by FEMA; not yet adopted here	2031-06-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Latah town	Town	Plan 110587 approved 2026-06-03, pending adoption here; not yet eligible	Spokane County (2025) (FEMA plan 110587), pending adoption here	2026-06-03 by FEMA; not yet adopted here	2031-06-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Liberty Lake city	City	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Medical Lake city	City	Approved, expires 2031-02-18	City of Medical Lake (FEMA plan 110857)	2026-02-19	2031-02-18	1,602		this jurisdiction approved 2025-10-07
Spokane Valley city	City	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Other (Spokane Valley FD)	Fire/EMS District	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Spokane County Conservation District	Conservation District	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Spokane County Fire District #3	Fire/EMS District	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		
Spokane County Fire District #4	Fire/EMS District	Plan 110587 approved 2026-06-03, pending adoption here; not yet eligible	Spokane County (2025) (FEMA plan 110587), pending adoption here	2026-06-03 by FEMA; not yet adopted here	2031-06-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Spokane County Fire District #8	Fire/EMS District	Plan 110587 approved 2026-06-03, pending adoption here; not yet eligible	Spokane County (2025) (FEMA plan 110587), pending adoption here	2026-06-03 by FEMA; not yet adopted here	2031-06-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Spokane County Fire District #9	Fire/EMS District	Approved, expires 2031-06-02	Spokane County (2025) (FEMA plan 110587)	2026-06-03	2031-06-02	1,706		

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>	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$52,915,434	\$2,674	\$1,274	\$52,919,382	51		
2	Cold Wave	Relatively High	Very High	\$49,077	\$96,408	\$19,929,944	\$20,075,429	7		
3	Wildfire	Relatively Moderate	Relatively Moderate	\$6,532,758	\$300	\$473,254	\$7,006,312	71		
4	Heat Wave	Relatively Moderate	Relatively Moderate	\$1,504	\$17,403	\$6,935,406	\$6,954,314	2		
5	Earthquake	Relatively Low	Relatively Moderate	\$2,733,007	n/a	\$814,914	\$3,547,922			Storm Events does not record earthquakes.
6	Ice Storm	Very High	Very High	\$103,393	n/a	\$2,614,015	\$2,717,408	2		
7	Strong Wind	Relatively High	Relatively High	\$596,231	\$276	\$1,951,431	\$2,547,938	193		Includes 53 High Wind and 44 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
8	Tornado	Relatively Low	Relatively Low	\$286,883	\$239	\$831,258	\$1,118,380	8		
9	Avalanche	Relatively Moderate	Relatively Low	\$3	n/a	\$656,235	\$656,238	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
10	Hail	Relatively Low	Relatively Low	\$12,084	\$20,585	\$465,199	\$497,868	39		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	Cost of expected deaths and injuries FEMA's dollar value per year, not property damage	EAL total (see note) modeled dollars per year	Storm Events records, 1996 to 2026-06-30 count	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
11	Winter Weather	Relatively High	Relatively High	\$38,887	\$2,044	\$359,199	\$400,129	371		
12	Lightning	Relatively Moderate	Relatively Moderate	\$17,191	n/a	\$336,215	\$353,406	11		
13	Landslide	Very Low	Very Low	\$1,766	n/a	\$810	\$2,576	6		
14	Drought	Very Low	Very Low	n/a	\$1,674	n/a	\$1,674	0		Declared 1 time; no Storm Events record of this type.
	Hurricane	Not Applicable	Not Applicable					0	NRI rates hurricane Not Applicable for this county, and no counted federal declaration for this county names it (EM-3227-WA names it but is not counted as a local occurrence; see B1-d).	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Volcanic Activity	Not Applicable	Not Applicable					0		Declared 1 time; no Storm Events record of this type.

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 volcanic activity 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: coastal flooding and tsunamis. 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>
Avalanche	tract 142 (Relatively Low, 78.5); tract 104.04 (Relatively Low, 78.4); tract 39 (Relatively Low, 78.3)
Earthquake	tract 140.02 (Relatively Moderate, 79.5); tract 35 (Relatively Moderate, 79.3); tract 140.01 (Relatively Moderate, 79.0)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 101.02 (Relatively Low, 92.7); tract 133 (Relatively Low, 85.4); tract 101.01 (Relatively Low, 83.5)
Tornado	tract 104.01 (Relatively Low, 33.8); tract 131.01 (Relatively Low, 30.1); tract 35 (Relatively Low, 30.1)
Volcanic Activity	no tract has a National Risk Index rating for this hazard
Wildfire	tract 104.04 (Relatively High, 99.0); tract 142 (Relatively High, 98.9); tract 104.03 (Relatively High, 98.8)

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 142 is Census Tract 142). 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
Avalanche	none (count and damage only)	0					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	7 records, 2004 to 2021 (7 zone-level)	1 day to 3 days (median 1.5 days); 6 with a recorded value	3 consecutive days, 2009-12-07 to 2009-12-09, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Drought	U.S. Drought Monitor scale (D0 to D4)	0					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)	44 records, 1963 to 2023	0.25 in to 2.75 in (median 0.88 in); 43 with a recorded value	2.75 in hail, 2022-08-11		Event records naming jurisdictions in the plan: Deer Park city (5 records), Cheney city (2 records), Airway Heights city (1 record), Latah town (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	2 records, 2021 to 2024 (2 zone-level)	1 day to 5 days (median 3 days); 2 with a recorded value	5 consecutive days, 2021-06-26 to 2021-06-30, zone-level	Excessive Heat, 2024-07-09, \$2,000 property; \$0 crops (zone total, 2024 dollars)	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)	2 records, 2017 (2 zone-level)		No damage reported in 2 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	51 records, 1998 to 2025 (3 zone-level)		Flood, 2017-03-09, \$8,000,000 property; \$0 crops (2017 dollars)		Event records naming jurisdictions in the plan: Deer Park city (2 records), Latah town (1 record), Liberty Lake city (1 record). 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)	6 records, 2012 to 2019 (2 zone-level)		Debris Flow, 2017-06-01, \$25,000 property; \$0 crops (2017 dollars)		No event record names a jurisdiction in the plan. Zone-level records (2) apply countywide.	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	11 records, 1996 to 2023		Lightning, 2019-07-23, \$200,000 property; \$0 crops (2019 dollars)		Event records naming jurisdictions in the plan: Deer Park city (2 records), Cheney 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)	97 records, 1997 to 2026 (97 zone-level)	22 kt (25 mph) to 74 kt (85 mph) (median 48 kt (55 mph)); 94 with a recorded value	74 kt (85 mph) measured gust, High Wind, 2010-11-15; NWS zone WAZ033	High Wind, 2004-08-02, \$5,000 property; \$5,000,000 crops (zone total, 2004 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	107 records, 1963 to 2025	25 kt (29 mph) to 77 kt (89 mph) (median 52 kt (60 mph)); 99 with a recorded value	77 kt (89 mph) measured gust, Thunderstorm Wind, 2005-06-21	Thunderstorm Wind, 2016-05-04, \$4,800,000 property; \$0 crops (2016 dollars)	Event records naming jurisdictions in the plan: Airway Heights city (4 records), Deer Park city (4 records), Cheney city (3 records).	

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)	16 records, 1954 to 2024	F/EF0 to F/EF2 (median F/EF0); 16 with a recorded value	F2 tornado, 1954-06-15, 0.5 mi path length (whole path, pre-1996), 100 yd wide, \$25,000 property; crops not recorded (1954 dollars)	Tornado, 1997-05-31, \$350,000 property; crops not reported (1997 dollars)	Event records naming jurisdictions in the plan: Airway Heights city (1 record), Deer Park city (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).
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	71 records, 1997 to 2026 (70 zone-level)		Wildfire, 2023-08-18, \$60,000,000 property; \$0 crops (2023 dollars), 1 direct death (reported for the zone); NWS zone WAZ036		No event record names a jurisdiction in the plan. Zone-level records (70) apply countywide.	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	371 records, 1996 to 2026 (371 zone- level)		Heavy Snow, 2009-01-04, \$10,000,000 property; \$0 crops (2009 dollars); NWS zone WAZ036		Countywide (zone-level records).	

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

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: 33 declarations covering 25 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
2026-08-03	2026-08-01	EM-3650-WA	Emergency	Wildfires	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2026-08-02	2026-08-01	FM-5659-WA	Fire management	Autumn Lane Fire	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	same incident as EM-3650
2026-08-02	2026-08-01	FM-5658-WA	Fire management	Fairview Fire	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	same incident as EM-3650
2026-08-01	2026-08-01	FM-5656-WA	Fire management	Old Trails Fire	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	same incident as EM-3650
2026-06-16	2026-06-16	FM-5638-WA	Fire management	Upriver Fire	Wildfire	no Public Assistance recorded	new since last plan; within last 5 years	
2024-02-15	2023-08-18	DR-4759-WA	Major disaster	Wildfires	Wildfire	\$3,121,303.94	within last 5 years	
2023-08-19	2023-08-19	FM-5481-WA	Fire management	Oregon Fire	Wildfire	no Public Assistance recorded	within last 5 years	same incident as DR-4759
2023-08-18	2023-08-18	FM-5479-WA	Fire management	Gray Fire	Wildfire	no Public Assistance recorded	within last 5 years	same incident as DR-4759
2021-07-06	2021-07-05	FM-5395-WA	Fire management	Andrus Fire	Wildfire	no Public Assistance recorded		
2021-04-08	2020-12-29	DR-4593-WA	Major disaster	Severe Winter Storm, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Strong Wind; Winter Weather	\$3,241,209.36		
2020-09-08	2020-09-07	FM-5355-WA	Fire management	Babb Fire	Wildfire	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
2020-03-22	2020-01-20	DR-4481-WA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$16,124,392.03		
2020-03-13	2020-01-20	EM-3427-WA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4481
2018-07-17	2018-07-17	FM-5254-WA	Fire management	Upriver Beacon Fire	Wildfire	no Public Assistance recorded		
2017-04-21	2017-01-30	DR-4309-WA	Major disaster	Severe Winter Storms, Flooding, Landslides, Mudslides	Inland Flooding (primary); also designated: Landslide, Winter Weather	\$2,408,372.20		
2016-08-22	2016-08-21	FM-5149-WA	Fire management	Yale Fire	Wildfire	no Public Assistance recorded		
2016-08-22	2016-08-21	FM-5148-WA	Fire management	Wellesley Fire	Wildfire	no Public Assistance recorded		
2016-01-15	2015-11-12	DR-4249-WA	Major disaster	Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Strong Wind	\$3,636,573.47		
2015-08-21	2015-08-13	EM-3372-WA	Emergency	Wildfires	Wildfire	no Public Assistance recorded		
2014-07-19	2014-07-19	FM-5063-WA	Fire management	Watermelon Hill Fire	Wildfire	no Public Assistance recorded		
2009-03-02	2008-12-12	DR-1825-WA	Major disaster	Severe Winter Storm and Record and Near Record Snow	Winter Weather	\$4,334,966.34		
2008-07-11	2008-07-10	FM-2783-WA	Fire management	Spokane Valley Fire	Wildfire	no Public Assistance recorded		
2005-09-07	2005-08-29	EM-3227-WA	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
1997-04-02	1997-03-18	DR-1172-WA	Major disaster	Heavy Rains, Snow Melt, Flooding, Land & Mud Slides	Inland Flooding (primary); also designated: Landslide	PA not declared for this county		
1997-01-17	1996-12-26	DR-1159-WA	Major disaster	Severe Winter Storms, Land & Muds Slides, Flooding	Inland Flooding; Landslide; Winter Weather	no Public Assistance recorded		
1997-01-07	1996-11-19	DR-1152-WA	Major disaster	Severe Ice Storm	Ice Storm	no Public Assistance recorded		
1996-02-09	1996-01-26	DR-1100-WA	Major disaster	High Winds, Severe Storms and Flooding	Inland Flooding (primary); also designated: Strong Wind	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
1991-11-13	1991-10-16	DR-922-WA	Major disaster	Fires	Wildfire	no Public Assistance recorded		
1986-07-26	1986-05-20	DR-769-WA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1982-08-19	1982-08-19	EM-3086-WA	Emergency	Threat of Flooding at Spirit Lake	Inland Flooding	no Public Assistance recorded		
1980-05-21	1980-05-21	DR-623-WA	Major disaster	Volcanic Eruption, Mt. St. Helens	Volcanic Activity	no Public Assistance recorded		
1977-03-31	1977-03-31	EM-3037-WA	Emergency	Drought	Drought	no Public Assistance recorded		
1964-12-29	1964-12-29	DR-185-WA	Major disaster	Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$73,233.87 (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
1963-03-02	1963-03-02	DR-146-WA	Major disaster	Floods	Inland Flooding
1962-10-20	1962-10-20	DR-137-WA	Major disaster	Severe Storms	Hazard not mapped (severe storm title names no single hazard); not counted
1957-03-06	1957-03-06	DR-70-WA	Major disaster	Floods	Inland Flooding
1956-02-25	1956-02-25	DR-50-WA	Major disaster	Flood	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.

16 Fire Management declarations (1970-07-18 to 1998-09-25) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$1,939,869.63

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4584-WA	2021-02-04	Wildfires and Straight-Line Winds	Inland Power	\$1,939,869.63

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.

Public Assistance not placed in any Washington county: 1 row, \$248,381.20; listed on the Washington state page.

Source: 3

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
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	7	0	0	1	0	0	1996 to 2026-06-30	
Drought	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)
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	44	0	0	5	0	0	1955 to 2026-06-30	
Heat Wave	2	0	0	1	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	2	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	51	0	0	14	9	0	1996 to 2026-06-30	
Landslide	6	0	0	0	5	0	1996 to 2026-06-30	
Lightning	11	0	0	1	0	0	1996 to 2026-06-30	
Strong Wind	204	0	8	50	3	0	1955 to 2026-06-30	Includes 53 High Wind and 44 Strong Wind records.
Tornado	16	0	0	3	0	0	1950 to 2026-06-30	
Volcanic Activity	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)
Wildfire	71	1	10	26	12	2	1996 to 2026-06-30	
Winter Weather	371	0	4	47	4	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
2026-06-16	Wildfire		\$3,500,000 property; \$0 crops (zone total, 2026 dollars)	1, 0	NWS zone WAZ036 (SPOKANE AREA), zone-level	new since last plan; within last 5 years	deaths or injuries recorded
2024-12-18	Strong Wind	26 kt (30 mph) measured gust	\$8,000 property; \$0 crops (zone total, 2024 dollars)	2, 0	NWS zone WAZ036 (SPOKANE AREA), zone-level	within last 5 years	deaths or injuries recorded
2023-08-18	Wildfire		\$60,000,000 property; \$0 crops (zone total, 2023 dollars)	1, 0	NWS zone WAZ036 (SPOKANE AREA), zone-level	within last 5 years	B1-c worst recorded: Wildfire
2022-08-11	Hail	2.75 in	\$200,000 property; \$150,000 crops (2022 dollars)	0, 0	LATAH to NEWMAN LAKE	within last 5 years	B1-c worst recorded: Hail
2021-06-26	Excessive Heat		\$0 property; \$0 crops (zone total, 2021 dollars)	0, 0	NWS zone WAZ033 (WASHINGTON PALOUSE), zone-level		B1-c worst recorded: Excessive Heat, Heat
2021-01-13	High Wind	62 kt (71 mph) measured gust	\$3,000,000 property; \$0 crops (zone total, 2021 dollars)	1, 1	NWS zone WAZ036 (SPOKANE AREA), zone-level		deaths or injuries recorded
2017-03-09	Flood		\$8,000,000 property; \$0 crops (2017 dollars)	0, 0	HITE to AMBER		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2010-11-15	High Wind	74 kt (85 mph) measured gust	\$70,000 property; \$0 crops (zone total, 2010 dollars)	0, 0	NWS zone WAZ033 (WASHINGTON PALOUSE), zone-level		B1-c worst recorded: High Wind and Strong Wind
2009-12-07	Extreme Cold/ Wind Chill		property not reported; \$0 crops (zone total, 2009 dollars)	0, 0	NWS zone WAZ033 (WASHINGTON PALOUSE), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2009-01-04	Heavy Snow		\$10,000,000 property; \$0 crops (zone total, 2009 dollars)	0, 0	NWS zone WAZ036 (SPOKANE AREA), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2005-06-21	Thunderstorm Wind	77 kt (89 mph) measured gust	damage not reported	0, 0	FOUR LAKES		B1-c worst recorded: Thunderstorm Wind
1954-06-15	Tornado	F2, 0.5 mi path length (whole path, pre-1996), 100 yd wide	\$25,000 property; crops not recorded (1954 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (785 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
Avalanche	0.0667	events per year	about 1 in 15 years	Possible	FEMA annualized frequency (modeled)	2	1994 to 2023 (30 years)	see B1-f	
Cold Wave	1.11	event-days per year	about 1.11 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	21.1	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	13.2	event-days per year	about 13.2 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	448	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.00158	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.158%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.256	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	9.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.94	event-days per year	about 3.94 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	38.2	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane		events per year					1851 to 2024 (Atlantic); 1949 to 2024 (Pacific)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Ice Storm	0.33	event-days per year	about 0.33 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	23	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.18	event-days per year	about 1.18 days per year	Likely	Storm Events event-days in 17 of 30 years, 1996 to 2025 (56.7%)	33	1996 to 2023 (28 years)	see B1-f	
Landslide	0.539	events per year (modeled)	about 0.54 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	16.2	days per year with a strike	about 16.2 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.248	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	10	1986 to 2023 (38 years)	countywide	
Tornado	0.0765	events per year	about 1 in 13 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.00365	annual probability at a location	chance a given location in the county burns in a year: 0.365%	Likely	Storm Events records in 16 of 30 years, 1996 to 2025 (53.3%)	not shown	modeled	see B1-f	
Winter Weather	18.8	event-days per year	about 18.8 days per year	Highly likely	Storm Events event- days in 29 of 30 years, 1996 to 2025 (96.7%)	358	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	13	30	0.433
Hail	2.00 in+	1996 to 2025	2	30	0.0667
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	67	30	2.23
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	6	30	0.2
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	23	30	0.767
Tornado	EF0-1	1996 to 2025	8	30	0.267
Tornado	EF2-3	1996 to 2025	0	30	0
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	
Avalanche	9 of 130	74.9	77.9	78.5	Relatively Low 9, Not Applicable 121
Cold Wave	130 of 130	45.8	74.3	93.5	Relatively High 47, Relatively Moderate 82, Relatively Low 1
Drought	45 of 130	66.9	68.3	79.1	Relatively Low 1, Very Low 44, No Rating 85
Earthquake	130 of 130	15.3	40.0	79.5	Relatively Moderate 4, Relatively Low 58, Very Low 68
Hail	130 of 130	22.1	37.1	63.7	Relatively Low 63, Very Low 67
Heat Wave	130 of 130	21.1	56.1	86.3	Relatively High 1, Relatively Moderate 67, Relatively Low 62
Hurricane	0 of 130				Not Applicable 130
Ice Storm	130 of 130	55.8	82.0	94.3	Relatively High 10, Relatively Moderate 108, Relatively Low 12
Inland Flooding	130 of 130	1.0	21.2	82.5	Relatively High 3, Relatively Moderate 22, Relatively Low 58, Very Low 47
Landslide	126 of 130	8.6	19.3	92.7	Relatively Low 5, Very Low 121, No Rating 4
Lightning	130 of 130	4.5	15.0	36.6	Relatively Low 27, Very Low 103

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	130 of 130	24.2	50.6	78.8	Relatively Moderate 45, Relatively Low 85
Tornado	130 of 130	5.5	18.3	33.8	Relatively Low 6, Very Low 124
Volcanic Activity	0 of 130				Not Applicable 130
Wildfire	99 of 130	18.9	73.2	99.0	Relatively High 11, Relatively Moderate 19, Relatively Low 25, Very Low 44, No Rating 31
Winter Weather	130 of 130	29.7	50.9	76.9	Relatively Moderate 79, Relatively Low 51

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
Spokane County	County	Approved, expires 2031-06-02	FMA RL 0, SRL 0; any 0	\$10,486,043.62	0 total; 0 since its plan	Includes \$5,150,951.87 for declarations not counted as hazard incidents (DR-4481-WA).
Airway Heights city	City	Approved, expires 2031-06-02	FMA RL 0, SRL 0; any 0	\$179,090.06	6 total; 0 since its plan	
Cheney city	City	Approved, expires 2031-06-02	FMA RL 0, SRL 0; any 0	\$297,085.16	6 total; 0 since its plan	
Deer Park city	City	Plan 110587 approved 2026-06-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$76,910.91	14 total; no approved plan	
Latah town	Town	Plan 110587 approved 2026-06-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	2 total; no approved plan	
Liberty Lake city	City	Approved, expires 2031-06-02	FMA RL 0, SRL 0; any 0	\$9,699.46	1 total; 0 since its plan	
Medical Lake city	City	Approved, expires 2031-02-18	FMA RL 0, SRL 0; any 0	\$158,958.46	0 total; 0 since its plan	
Spokane Valley city	City	Approved, expires 2031-06-02	FMA RL 0, SRL 0; any 0	\$321,156.40	0 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 <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 2026-06-03 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$10,158	n/a	5	\$3	n/a	\$656,235	0.0265%				
Cold Wave	\$98,256,550,509	\$150,726,595	538,806	\$49,077	\$96,408	\$19,929,944	under 0.0001%				
Drought	n/a	\$121,191,803	n/a	n/a	\$1,674	n/a	0.00138% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$171,990,101,434	n/a	539,339	\$2,733,007	n/a	\$814,914	0.00159%				
Hail	\$98,256,550,509	\$150,726,595	538,806	\$12,084	\$20,585	\$465,199	under 0.0001%				
Heat Wave	\$98,256,550,509	\$150,726,595	538,806	\$1,504	\$17,403	\$6,935,406	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$98,141,389,557	n/a	537,944	\$103,393	n/a	\$2,614,015	0.000105%				

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 2026-06-03 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Inland Flooding	\$98,222,901,909	\$2,210,530	2,514	\$52,915,434	\$2,674	\$1,274	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$2,775,269,390	n/a	13,794	\$1,766	n/a	\$810	under 0.0001%				
Lightning	\$98,256,550,509	n/a	538,806	\$17,191	n/a	\$336,215	under 0.0001%				
Strong Wind	\$98,256,550,509	\$150,726,595	538,806	\$596,231	\$276	\$1,951,431	0.000607%				
Tornado	\$98,256,550,509	\$150,726,595	538,806	\$286,883	\$239	\$831,258	0.000292%				
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$7,380,869,171	\$27,729,194	63,273	\$6,532,758	\$300	\$473,254	0.0885%	\$3,500,000		no Public Assistance recorded (5 declarations)	
Winter Weather	\$98,256,550,509	\$150,726,595	538,806	\$38,887	\$2,044	\$359,199	under 0.0001%				

Totals since 2026-06-03 (Storm Events through 2026-06-30): 0 county-coded records, 0 with a damage value recorded (including \$0), \$0; 1 zone-level records, 1 with a damage value recorded (including \$0), \$3,500,000 reported for the zone; Public Assistance: none recorded on the 5 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	538,806
Building value (total, not at risk)	\$98,256,550,509
Agriculture value (total, not at risk)	\$150,726,595
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$63,429,821
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)	\$35,369,155
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively High
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	2	Severe repetitive loss, NFIP insurance definition	1

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	0	1	2	1	2	0	0
of which: Spangle city (community ID not in plan data)	0	1	2	1	2	0	0
Statewide, no county in FEMA's file	0	0	2	0	2	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>
Spokane County	530174	0	0	0	0	0	0	0
Airway Heights city	530270	0	0	0	0	0	0	0
Cheney city	530175	0	0	0	0	0	0	0
Deer Park city	530176	0	0	0	0	0	0	0
Latah town	530178	0	0	0	0	0	0	0
Liberty Lake city	530162	0	0	0	0	0	0	0
Medical Lake city	530179	0	0	0	0	0	0	0
Spokane Valley city	530342	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	0	1	2	1	2	0	0
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
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 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 2 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)
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What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

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Cite this: Hazard Plain (2026). Spokane County, WA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 53063). Automated baseline. <https://hazardplain.org/wa/53063/> 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