

Wahkiakum County, WA

Risk-assessment baseline packet

County FIPS: 53069 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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Summary

Plan status as of 2026-09-30: Expired on 2024-12-25. Plan: Wahkiakum County Hazard Mitigation Plan (FEMA plan 104258), approved 2019-12-26.
Update: FEMA tracker shows a plan in progress.
Since the plan was approved on 2019-12-26: 7 new hazard declarations (6 incidents) and 60 NOAA Storm Events records; details under "What changed since your last plan".
Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Tsunami (\$2,016,302 a year), Inland Flooding (\$1,799,522) and Earthquake (\$977,145).
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; 53069 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:	Expired on 2024-12-25	Plan:	Wahkiakum County Hazard Mitigation Plan (FEMA plan 104258)
Approved:	2019-12-26	Days since expiry:	644
Update underway:	FEMA tracker shows a plan in progress		

Until a new plan is approved, FEMA mitigation project grants (HMGP, FMA) need a FEMA exception (44 CFR 201.6(a)(3)).

What changed since your last plan (approved 2019-12-26)

New federal declarations:	7 new hazard declarations (6 incidents): DR-4539-WA (Severe Storms, Flooding, Landslides, and Mudslides), DR-4593-WA (Severe Winter Storm, Straight-Line Winds, Flooding, Landslides, and Mudslides), DR-4650-WA (Severe Winter Storms, Snowstorms, Straight-Line Winds, Flooding), DR-4682-WA (Severe Winter Storm, Straight-Line Winds, Flooding, Landslides, and Mudslides), DR-4775-WA (Severe Winter Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides), EM-3629-WA (Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides), DR-4906-WA (Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides); also 2 COVID-19 declarations (not counted)	Storm Events records since approval:	60 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 2 (44 CFR 77.2); any definition: 12	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

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway
Wahkiakum County	County	Expired on 2024-12-25	Wahkiakum County Hazard Mitigation Plan (FEMA plan 104258)	2019-12-26	2024-12-25	-644	FEMA tracker shows a plan in progress
Naselle-Grays River Valley School District	School/School District	Approved, expires 2027-10-19	Pacific County (FEMA plan 108162)	2022-10-20	2027-10-19	384	

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

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	Tsunami	Relatively Low	Relatively Low	\$19,592	n/a	\$1,996,709	\$2,016,302	1		
2	Inland Flooding	Very Low	Very Low	\$1,793,263	\$1,747	\$4,511	\$1,799,522	50		
3	Earthquake	Relatively Low	Relatively Low	\$687,789	n/a	\$289,356	\$977,145			Storm Events does not record earthquakes.
4	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$873,345	n/a	\$58,035	\$931,381	14		
5	Heat Wave	Relatively Low	Relatively Low	\$9	\$213	\$193,571	\$193,793	6		
6	Cold Wave	Very Low	Very Low	\$29	\$106	\$28,569	\$28,703	2		
7	Strong Wind	Very Low	Very Low	\$13,455	\$1	\$2,517	\$15,973	223		Includes 220 High Wind and 3 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
8	Landslide	Relatively Low	Relatively Low	\$291	n/a	\$13,737	\$14,028	2		
9	Tornado	Very Low	Very Low	\$4,981	\$13	\$5,631	\$10,626	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
10	Ice Storm	Very Low	Very Low	\$950	n/a	\$8,537	\$9,487	1		

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
11	Wildfire	Very Low	Very Low	\$3,303	under \$1	\$133	\$3,437	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Lightning	Very Low	Very Low	\$108	n/a	\$2,346	\$2,454	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Winter Weather	Very Low	Very Low	\$408	\$22	\$967	\$1,397	38		
14	Hail	Very Low	Very Low	\$839	\$49	\$244	\$1,133	1		
15	Volcanic Activity	Very Low	Very Low	under \$1	n/a	\$81	\$81	0		Declared 1 time; no Storm Events record of this type.
16	Avalanche	Very Low	Very Low	\$1	n/a	\$4	\$5	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
17	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	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).

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 wildfire, lightning and volcanic activity records (Storm Events records these hazards only in part).

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.

Coastal Flooding and 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.

NRI rating of the county's single census tract

Source: 5

Hazard	Census tract <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 9501 (Very Low, 2.8)
Earthquake	tract 9501 (Relatively High, 92.3)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 9501 (Relatively Moderate, 98.5)
Tornado	tract 9501 (Very Low, 26.5)
Tsunami	tract 9501 (Relatively High, 95.9)
Volcanic Activity	tract 9501 (Relatively Low, 91.8)
Wildfire	tract 9501 (Relatively Low, 78.4)

A tract number is the Census tract number (for example 9501 is Census Tract 9501). 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					
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	14 records, 2003 to 2022 (14 zone-level)		Coastal Flood, 2007-12-03, \$5,000,000 property; \$0 crops (2007 dollars); NWS zone WAZ021		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	2 records, 1998 to 2013 (2 zone-level)	2 days to 7 days (median 4.5 days); 2 with a recorded value	7 consecutive days, 1998-12-18 to 1998-12-24, zone-level		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
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)	1 record, 2017	1 in; 1 with a recorded value	1 in hail, 2017-09-18		No event record names a jurisdiction in the plan.	
Excessive Heat, Heat	heat index (in event narratives)	6 records, 2006 to 2022 (6 zone-level)	1 day to 5 days (median 2 days); 6 with a recorded value	5 consecutive days, 2006-07-20 to 2006-07-24, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	1 record, 2024 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	50 records, 1996 to 2025 (9 zone-level)		Flood, 1998-12-27, \$500,000 property; crops not reported (1998 dollars); Storm Events area E PACIFIC/W LEWIS/ WAHAKIUM (legacy zone code WAZ020)		No event record names a jurisdiction in the plan. Zone-level records (9) 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)	2 records, 1997 to 2009 (2 zone-level)		No damage reported in 2 records.		Countywide (zone-level records).	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	0					Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	223 records, 1996 to 2025 (223 zone- level)	30 kt (35 mph) to 95 kt (109 mph) (median 55 kt (63 mph)); 222 with a recorded value	95 kt (109 mph) measured, High Wind, 2000-01-16; NWS zone WAZ021	High Wind, 2007-12-02, \$10,140,000 property; \$0 crops (zone total, 2007 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	0					

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)	0					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).
Tsunami	none (count and damage only)	1 record, 2022 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	38 records, 2001 to 2025 (38 zone-level)		Winter Storm, 2008-12-20, \$686,000 property; \$0 crops (2008 dollars); NWS zone WAZ022		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, tsunami 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 28 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
2026-04-07	2025-12-05	DR-4906-WA	Major disaster	Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide, Strong Wind	no Public Assistance recorded	new since last plan; within last 5 years	
2025-12-12	2025-12-09	EM-3629-WA	Emergency	Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide, Strong Wind	no Public Assistance recorded	new since last plan; within last 5 years	same incident as DR-4906
2024-04-28	2024-01-05	DR-4775-WA	Major disaster	Severe Winter Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Strong Wind; Winter Weather	\$8,467.65	new since last plan; within last 5 years	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2023-01-12	2022-11-03	DR-4682-WA	Major disaster	Severe Winter Storm, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Strong Wind; Winter Weather	\$25,502.35		new since last plan; within last 5 years	
2022-03-29	2021-12-26	DR-4650-WA	Major disaster	Severe Winter Storms, Snowstorms, Straight-Line Winds, Flooding	Inland Flooding (primary); also designated: Strong Wind, Winter Weather	\$1,268,927.66		new since last plan; within last 5 years	
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	\$710,033.49		new since last plan	
2020-04-23	2020-01-20	DR-4539-WA	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$34,287.33		new since last plan	
2020-03-22	2020-01-20	DR-4481-WA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	no Public Assistance recorded		new since last plan	
2020-03-13	2020-01-20	EM-3427-WA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		new since last plan	same incident as DR-4481
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	\$95,502.36			
2016-02-02	2015-12-01	DR-4253-WA	Major disaster	Severe Winter Storm, Straight-Line Winds, Flooding, Landslides, Mudslides, and a T	Inland Flooding (primary); also designated: Landslide, Strong Wind, Winter Weather	\$237,815.36			
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	\$23,003.10			
2012-03-05	2012-01-14	DR-4056-WA	Major disaster	Severe Winter Storm, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Winter Weather	\$21,825.78			
2011-03-25	2011-01-11	DR-1963-WA	Major disaster	Severe Winter Storm, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Winter Weather	\$88,038.40			
2009-03-02	2008-12-12	DR-1825-WA	Major disaster	Severe Winter Storm and Record and Near Record Snow	Winter Weather	\$121,699.65			
2009-01-30	2009-01-06	DR-1817-WA	Major disaster	Severe Winter Storm, Landslides, Mudslides, and Flooding	Inland Flooding (primary); also designated: Landslide, Winter Weather	\$1,501,951.21			
2007-12-08	2007-12-01	DR-1734-WA	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide	\$192,940.66			
2007-02-14	2006-12-14	DR-1682-WA	Major disaster	Severe Winter Storm, Landslides, and Mudslides	Landslide; Winter Weather	\$38,616.25			
2006-12-12	2006-11-02	DR-1671-WA	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide	\$203,596.57			
2006-05-17	2006-01-27	DR-1641-WA	Major disaster	Severe Storms, Flooding, Tidal Surge, Landslides, and Mudslides	Inland Flooding; Landslide	\$63,971.40			
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			
2001-03-01	2001-02-28	DR-1361-WA	Major disaster	Earthquake	Earthquake	PA not declared for this county			
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	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1996-01-03	1995-11-07	DR-1079-WA	Major disaster	Severe Storms, High Wind, and Flooding	Inland Flooding; Strong Wind	no Public Assistance recorded		
1994-08-02	1994-05-01	DR-1037-WA	Major disaster	The El Nino (the Salmon Industry)	Fishing Losses: economic loss, not a physical hazard event; non-natural, not counted	PA not declared for this county		
1993-03-04	1993-01-20	DR-981-WA	Major disaster	Severe Storms & High Wind	Strong Wind	no Public Assistance recorded		
1990-11-26	1990-11-09	DR-883-WA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1990-01-18	1990-01-06	DR-852-WA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1986-12-15	1986-11-22	DR-784-WA	Major disaster	Severe Storms & Flooding	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		
1977-12-10	1977-12-10	DR-545-WA	Major disaster	Severe Storms, Mudslides, & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		
1972-02-01	1972-02-01	DR-322-WA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1964-12-29	1964-12-29	DR-185-WA	Major disaster	Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		

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

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
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 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
Coastal Flooding	14	7	0	3	0	0	1996 to 2026-06-30	
Cold Wave	2	0	0	0	0	0	1996 to 2026-06-30	
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	1	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	1	0	0	0	0	0	1955 to 2026-06-30	
Heat Wave	6	4	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	1	1	0	1	0	0	1996 to 2026-06-30	
Inland Flooding	50	10	0	8	23	6	1996 to 2026-06-30	
Landslide	2	0	0	0	16	5	1996 to 2026-06-30	
Lightning	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Strong Wind	223	26	2	19	10	5	1955 to 2026-06-30	Includes 220 High Wind and 3 Strong Wind records.
Tornado	0	0	0	0	0	0	1950 to 2026-06-30	No recorded events, 1950 to 2026-06-30, NOAA NCEI Storm Events
Tsunami	1	1	0	1	0	0	1996 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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	38	11	1	9	11	4	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
2021-06-26	Excessive Heat		\$0 property; \$0 crops (zone total, 2021 dollars)	1, 0	NWS zone WAZ022 (LOWER COLUMBIA), zone-level	new since last plan	deaths or injuries recorded
2017-09-18	Hail	1 in	damage not reported	0, 0	ROSBURG		B1-c worst recorded: Hail
2015-12-08	Flood		\$339,000 property; \$0 crops (2015 dollars)	0, 0	ROSBURG		large reported damage
2015-11-17	Flood		\$10,000 property; \$0 crops (2015 dollars)	0, 0	PILLAR ROCK		large reported damage
2008-12-20	Winter Storm		\$686,000 property; \$0 crops (zone total, 2008 dollars)	0, 0	NWS zone WAZ022 (LOWER COLUMBIA), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2007-12-03	Coastal Flood		\$5,000,000 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone WAZ021 (SOUTH COAST), zone-level		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2007-12-02	Flood		\$420,000 property; \$0 crops (2007 dollars)	0, 0	ROSBURG to EDEN		large reported damage
2007-12-02	High Wind	90 kt (104 mph) measured gust	\$10,140,000 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone WAZ021 (SOUTH COAST), zone-level		B1-c most damaging: High Wind and Strong Wind
2006-07-20	Heat		damage not reported	0, 0	Storm Events area E PACIFIC/W LEWIS/ WAHAKIUM (legacy zone code WAZ020), zone-level		B1-c worst recorded: Excessive Heat, Heat
2000-01-16	High Wind	95 kt (109 mph) measured	damage not reported	0, 0	NWS zone WAZ021 (SOUTH COAST), zone-level		B1-c worst recorded: High Wind and Strong Wind
1998-12-27	Flood		\$500,000 property; crops not reported (zone total, 1998 dollars)	0, 0	Storm Events area E PACIFIC/W LEWIS/ WAHAKIUM (legacy zone code WAZ020), zone-level		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1998-12-18	Cold/Wind Chill		damage not reported	0, 0	NWS zone WAZ021 (SOUTH COAST), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill

The full list is in the Excel file, sheet "B1-d Storm Events history" (338 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	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding	4.36	events per year at a location (modeled)	about 4.4 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.0524	event-days per year	about 0.0524 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	0.925	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.0187	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 1.87%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.0264	events per year	about 1 in 38 years	Possible	FEMA annualized frequency (modeled)	1.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.07	event-days per year	about 3.07 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	48.3	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	0.841	event-days per year	about 0.841 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	56	1946-12-31 to 2014-02-12 (67 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
Inland Flooding	1.36	event-days per year	about 1.36 days per year	Likely	Storm Events event-days in 24 of 30 years, 1996 to 2025 (80%)	38	1996 to 2023 (28 years)	see B1-f	
Landslide	1.8	events per year (modeled)	about 1.8 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	5.16	days per year with a strike	about 5.16 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.029	events per year	about 1 in 34 years	Possible	FEMA annualized frequency (modeled)	2	1986 to 2023 (38 years)	countywide	
Tornado	0.0198	events per year	about 1 in 50 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami	0.127	annual probability at the most exposed location (used in place of a county value)	chance at the county's most exposed location in a year: 12.7%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Volcanic Activity	0.0102	annual probability	about 1 in 98 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.0000212	annual probability at a location	chance a given location in the county burns in a year: 0.00212%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	8.11	event-days per year	about 8.11 days per year	Likely	Storm Events event-days in 20 of 30 years, 1996 to 2025 (66.7%)	142	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	1	30	0.0333
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	0	30	0
Tornado	EF0-1	1996 to 2025	0	30	0
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

NRI risk score of the county's single census tract

Source: 5

Hazard	Tract score <i>NRI score, 0 to 100</i>	Rating
Avalanche	2.8	Very Low
Coastal Flooding	99.6	Very High
Cold Wave	41.7	Relatively Low
Drought		No Rating
Earthquake	92.3	Relatively High
Hail	25.9	Very Low
Heat Wave	93.2	Relatively High
Hurricane		Not Applicable
Ice Storm	73.6	Relatively Moderate
Inland Flooding	95.9	Very High
Landslide	98.5	Relatively Moderate
Lightning	18.8	Very Low
Strong Wind	55.0	Relatively Moderate
Tornado	26.5	Very Low
Tsunami	95.9	Relatively High
Volcanic Activity	91.8	Relatively Low
Wildfire	78.4	Relatively Low
Winter Weather	41.8	Relatively Low

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.

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>
Wahkiakum County	County	Expired on 2024-12-25	FMA RL 0, SRL 2; any 12	\$3,729,704.45	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 2019-12-26 <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	\$1,037,657	n/a	under 1	\$1	n/a	\$4	0.000105%				
Coastal Flooding	\$103,606,402	n/a	270	\$873,345	n/a	\$58,035	0.843%		\$0		
Cold Wave	\$1,273,007,357	\$3,352,608	4,415	\$29	\$106	\$28,569	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$2,201,795,807	n/a	4,422	\$687,789	n/a	\$289,356	0.0312%				
Hail	\$1,273,007,357	\$3,352,608	4,415	\$839	\$49	\$244	under 0.0001%				
Heat Wave	\$1,273,007,357	\$3,352,608	4,415	\$9	\$213	\$193,571	under 0.0001%		\$0		

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 2019-12-26 <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
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$1,273,007,357	n/a	4,415	\$950	n/a	\$8,537	under 0.0001%		\$0		
Inland Flooding	\$1,261,274,884	\$725,820	371	\$1,793,263	\$1,747	\$4,511	n/a (see note)	\$0		\$2,047,218.48	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	\$102,821,011	n/a	380	\$291	n/a	\$13,737	0.000283%			\$778,290.82	
Lightning	\$1,273,007,357	n/a	4,415	\$108	n/a	\$2,346	under 0.0001%				
Strong Wind	\$1,273,007,357	\$3,352,608	4,415	\$13,455	\$1	\$2,517	0.00106%		\$0	\$2,012,931.15	
Tornado	\$1,273,007,357	\$3,352,608	4,415	\$4,981	\$13	\$5,631	0.000391%				
Tsunami	\$636,356,162	n/a	928	\$19,592	n/a	\$1,996,709	0.00308%		\$0		
Volcanic Activity	\$1,273,007,357	n/a	4,415	under \$1	n/a	\$81	under 0.0001%				
Wildfire	\$774,274,166	\$3,009,525	2,855	\$3,303	under \$1	\$133	0.000427%				
Winter Weather	\$1,273,007,357	\$3,352,608	4,415	\$408	\$22	\$967	under 0.0001%		\$100,000	\$2,012,931.15	

Totals since 2019-12-26 (Storm Events through 2026-06-30): 10 county-coded records, 10 with a damage value recorded (including \$0), \$0; 50 zone-level records, 38 with a damage value recorded (including \$0), \$100,000 reported for the zone; Public Assistance: \$2,047,218.48 on 7 counted declarations, 5 of them with Public Assistance.

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	4,415
Building value (total, not at risk)	\$1,273,007,357
Agriculture value (total, not at risk)	\$3,352,608
NRI risk rating (all hazards)	Very Low
Expected annual loss, buildings and agriculture, all hazards	\$3,400,517
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$2,604,948
Social vulnerability rating	Relatively High
Community resilience rating	Relatively Moderate
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)	2
Repetitive loss, NFIP insurance definition	12	Severe repetitive loss, NFIP insurance definition	2

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	2	12	2	12	0	0
of which: Wahkiakum County (unincorporated area)	0	2	12	2	12	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>
Wahkiakum County	530193	0	2	12	2	12	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	2	10	2	10	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	2	0	2	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 12 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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