

Snohomish County, WA

Risk-assessment baseline packet

County FIPS: 53061 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: Approved, expires 2031-07-27. Plan: Snohomish County Multi-Jurisdictional Hazard Mitigation Plan (2025) (FEMA plan 111538), approved 2026-07-28.

Since the plan was approved on 2026-07-28: no new hazard declaration; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Earthquake (\$246,681,545 a year), Inland Flooding (\$111,908,883) and Landslide (\$24,734,644).

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; 53061 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 2031-07-27

Approved:2026-07-28

Plan:Snohomish County Multi-Jurisdictional Hazard Mitigation Plan (2025) (FEMA plan 111538)

Days to expiry:1,761

What changed since your last plan (approved 2026-07-28)

New federal declarations:none

Repetitive loss now:FMA RL 28, SRL 59 (44 CFR 77.2); any definition: 230

Storm Events records since approval:not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet

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 negative = days since expiry	Update underway
Snohomish County	County	Approved, expires 2031-07-27	Snohomish County Multi-Jurisdictional Hazard Mitigation Plan (2025) (FEMA plan 111538)	2026-07-28	2031-07-27	1,761	
Everett city	City	Approved, expires 2029-10-27	Everett City Hazard Mitigation Plan (2024) (FEMA plan 110122)	2024-10-28	2029-10-27	1,123	
Marysville city	City	Approved, expires 2031-06-24	Marysville HMP (FEMA plan 111763)	2026-06-25	2031-06-24	1,728	
Sultan city	City	Approved, expires 2031-07-27	Snohomish County Multi-Jurisdictional Hazard Mitigation Plan (2025) (FEMA plan 111538)	2026-07-28	2031-07-27	1,761	
Arlington School District	School/School District	No approved plan on record	none	none	none		FEMA tracker shows a plan awaiting revisions

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 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 NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Earthquake	Relatively High	Relatively High	\$160,708,138	n/a	\$85,973,407	\$246,681,545			Storm Events does not record earthquakes.
2	Inland Flooding	Relatively High	Relatively High	\$111,892,015	\$122	\$16,746	\$111,908,883	11		
3	Landslide	Very High	Very High	\$3,108,215	n/a	\$21,626,429	\$24,734,644	8		
4	Heat Wave	Relatively High	Relatively High	\$2,766	\$25,632	\$11,911,600	\$11,939,998	8		
5	Ice Storm	Very High	Very High	\$287,706	n/a	\$3,329,860	\$3,617,566	6		
6	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$2,272,626	n/a	\$105,964	\$2,378,590	3		
7	Cold Wave	Relatively Low	Relatively Moderate	\$2,038	\$6,780	\$2,149,275	\$2,158,094	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Avalanche	Relatively High	Relatively Moderate	\$2,790	n/a	\$1,708,473	\$1,711,262	5		
9	Lightning	Relatively High	Relatively High	\$52,112	n/a	\$1,203,825	\$1,255,937	9		
10	Tornado	Relatively Low	Relatively Low	\$271,919	\$219	\$761,473	\$1,033,611	4		
11	Winter Weather	Relatively High	Relatively High	\$51,978	\$1,416	\$707,817	\$761,210	84		
12	Volcanic Activity	Relatively Moderate	Relatively Moderate	\$266,499	n/a	\$408,505	\$675,004	0		Declared 1 time; no Storm Events record of this type.

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
13	Wildfire	Very Low	Relatively Low	\$114,035	\$3	\$5,692	\$119,730	1		
14	Strong Wind	Very Low	Very Low	\$23,245	\$2	\$50,628	\$73,875	57		Includes 29 High Wind and 25 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
15	Hail	Very Low	Very Low	\$54,706	\$810	\$10,692	\$66,208	3		
16	Tsunami	Very Low	Very Low	\$50,519	n/a	\$0	\$50,519	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
17	Drought	Very Low	Very Low	n/a	\$44	n/a	\$44	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 volcanic activity and tsunami 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.

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 9400.02 (Relatively Moderate, 89.4); tract 538.01 (Relatively Moderate, 87.8); tract 537 (Relatively Moderate, 87.7)
Earthquake	tract 407 (Very High, 99.8); tract 413.04 (Very High, 99.8); tract 408 (Very High, 99.3)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 538.01 (Very High, 100.0); tract 537 (Very High, 100.0); tract 536.06 (Very High, 100.0)
Tornado	tract 419.01 (Very Low, 25.3); tract 417.04 (Very Low, 24.5); tract 507 (Very Low, 23.7)
Tsunami	tract 413.01 (Relatively Low, 51.4); tract 521.04 (Very Low, 45.2); tract 413.04 (Very Low, 43.0)
Volcanic Activity	tract 537 (Relatively High, 99.5); tract 533.01 (Relatively High, 99.3); tract 535.08 (Relatively High, 99.2)
Wildfire	tract 538.01 (Relatively Low, 81.5); tract 536.06 (Relatively Low, 80.9); tract 538.03 (Relatively Low, 78.9)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 9400.02 is Census Tract 9400.02). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Avalanche	none (count and damage only)	5 records, 2016 to 2022 (5 zone-level)		No damage reported in 5 records.		Countywide (zone-level records).	
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	3 records, 2012 to 2022 (3 zone-level)		Coastal Flood, 2012-12-17, \$200,000 property; \$0 crops (2012 dollars); NWS zone WAZ507		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill		0				

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)	3 records, 2001 to 2006	0.4 in to 1 in (median 0.75 in); 3 with a recorded value	1 in hail, 2006-04-15	Hail, 2005-05-19, property not reported; \$50,000 crops (2005 dollars)	Event records naming jurisdictions in the plan: Marysville city (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	8 records, 2021 to 2023 (8 zone-level)	2 days to 5 days (median 4 days); 5 with a recorded value	5 consecutive days, 2023-05-12 to 2023-05-16, 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)	6 records, 2017 to 2024 (6 zone-level)		No damage reported in 6 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	11 records, 1997 to 2023		Flood, 2009-01-07, \$6,500,000 property; \$0 crops (2009 dollars)		Event records naming jurisdictions in the plan: Everett city (1 record), Sultan city (1 record).	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)	8 records, 1997 to 2017 (2 zone-level)		Debris Flow, 2014-03-22, \$60,000,000 property; \$0 crops (2014 dollars), 43 direct deaths, 12 direct injuries		Event records naming jurisdictions in the plan: Everett city (1 record). Zone-level records (2) apply countywide.	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	9 records, 1996 to 2008		Lightning, 1996-09-15, damage not reported, 1 direct death	Lightning, 1997-04-10, \$35,000 property; crops not reported (1997 dollars)	Event records naming jurisdictions in the plan: Everett city (2 records), Marysville 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)	54 records, 2006 to 2025 (54 zone-level)	20 kt (23 mph) to 62 kt (71 mph) (median 44 kt (51 mph)); 54 with a recorded value	62 kt (71 mph) measured gust, High Wind, 2025-02-25; NWS zone WAZ568	High Wind, 2006-12-14, \$5,400,000 property; \$0 crops (zone total, 2006 dollars)	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
Thunderstorm Wind	wind speed (kt and mph)	5 records, 1976 to 2012	35 kt (40 mph) to 50 kt (58 mph) (median 44 kt (51 mph)); 3 with a recorded value	50 kt (58 mph) estimated gust, Thunderstorm Wind, 2005-06-21	Thunderstorm Wind, 2010-12-14, \$30,000 property; \$0 crops (2010 dollars)	No event record names a jurisdiction in the plan.	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	7 records, 1970 to 2006	F/EF0 to F/EF2 (median F/EF1); 7 with a recorded value	F2 tornado, 1970-11-24, 0.3 mi path length (whole path, pre-1996), 30 yd wide, \$25,000 property; crops not recorded (1970 dollars)	Tornado, 1971-10-26, \$25,000 property; crops not recorded (1971 dollars)	Event records naming jurisdictions in the plan: Sultan 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).
Tsunami	none (count and damage only)	0					
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	1 record, 2017 (1 zone-level)		Wildfire, 2017-09-04, \$4,500,000 property; \$0 crops (2017 dollars); NWS zone WAZ568		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	84 records, 2006 to 2025 (84 zone-level)		Heavy Snow, 2008-12-21, \$3,000,000 property; \$0 crops (2008 dollars); NWS zone WAZ507		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: 37 declarations covering 32 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Storm Events records since the plan: not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet.

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	\$430,918.95	in the 12 months before plan approval; 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	in the 12 months before plan approval; within last 5 years	same incident as DR-4906
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	\$12,714,416.22	within last 5 years	
2022-09-10	2022-09-10	FM-5455-WA	Fire management	Bolt Creek Fire	Wildfire	no Public Assistance recorded	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	\$3,706,386.49		
2020-04-23	2020-01-20	DR-4539-WA	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$3,544,806.23		
2020-03-22	2020-01-20	DR-4481-WA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$13,231,509.12		
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
2019-03-04	2018-12-10	DR-4418-WA	Major disaster	Severe Winter Storms, Straight-Line Winds, Flooding, Landslides, Mudslides, Tornado	Inland Flooding; Landslide; Strong Wind; Tornado; Winter Weather	\$3,738,443.08		
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	\$7,385,182.41		
2015-10-15	2015-08-29	DR-4242-WA	Major disaster	Severe Windstorm	Strong Wind	\$4,985,222.19		
2014-04-02	2014-03-22	DR-4168-WA	Major disaster	Flooding and Mudslides	Landslide	\$20,294,016.88		
2014-03-24	2014-03-22	EM-3370-WA	Emergency	Flooding and Mudslides	Landslide	no Public Assistance recorded		same incident as DR-4168
2012-03-05	2012-01-14	DR-4056-WA	Major disaster	Severe Winter Storm, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Winter Weather	\$5,180,765.28		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2009-03-02	2008-12-12	DR-1825-WA	Major disaster	Severe Winter Storm and Record and Near Record Snow	Winter Weather	\$5,816,939.81		
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	\$3,294,882.21		
2007-12-08	2007-12-01	DR-1734-WA	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide	\$1,669,900.92		
2007-02-14	2006-12-14	DR-1682-WA	Major disaster	Severe Winter Storm, Landslides, and Mudslides	Landslide; Winter Weather	\$4,348,376.36		
2006-12-12	2006-11-02	DR-1671-WA	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide	\$1,946,920.19		
2006-05-17	2006-01-27	DR-1641-WA	Major disaster	Severe Storms, Flooding, Tidal Surge, Landslides, and Mudslides	Inland Flooding; Landslide	\$1,346,141.68		
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		
2003-11-07	2003-10-15	DR-1499-WA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$3,711,411.45		
2001-03-01	2001-02-28	DR-1361-WA	Major disaster	Earthquake	Earthquake	\$449,638.61		
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		
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		
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		
1993-03-04	1993-01-20	DR-981-WA	Major disaster	Severe Storms & High Wind	Strong Wind	no Public Assistance recorded		
1991-03-08	1990-12-20	DR-896-WA	Major disaster	Severe Storms & High Tides	Inland Flooding (primary); also designated: Coastal Flooding	no Public Assistance recorded		
1990-11-26	1990-11-09	DR-883-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		
1979-12-31	1979-12-31	DR-612-WA	Major disaster	Storms, High Tides, Mudslides & Flooding	Inland Flooding (primary); also designated: Coastal Flooding, Landslide	PA not declared for this county		
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		
1975-12-13	1975-12-13	DR-492-WA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1965-05-11	1965-05-11	DR-196-WA	Major disaster	Earthquake	Earthquake	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 filed under this county for declarations that do not list it: 1 row, \$242,803.29

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4635-WA	2022-01-05	Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Public Utility District #1 of Snohomish County (PUD)	\$242,803.29

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	5		0	2	0	0	1996 to 2026-06-30	
Coastal Flooding	3		0	1	2	0	1996 to 2026-06-30	
Cold Wave	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	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	2	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	3		0	0	0	0	1955 to 2026-06-30	
Heat Wave	8		0	5	0	0	1996 to 2026-06-30	

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
Hurricane	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	6		0	4	0	0	1996 to 2026-06-30	
Inland Flooding	11		0	2	23	0	1996 to 2026-06-30	
Landslide	8		0	0	17	0	1996 to 2026-06-30	
Lightning	9		0	0	0	0	1996 to 2026-06-30	
Strong Wind	59		0	7	9	0	1955 to 2026-06-30	Includes 29 High Wind and 25 Strong Wind records.
Tornado	7		0	0	1	0	1950 to 2026-06-30	
Tsunami	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	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	1		0	0	1	0	1996 to 2026-06-30	
Winter Weather	84		0	31	8	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2025-02-25	High Wind	62 kt (71 mph) measured gust	\$0 property; \$0 crops (zone total, 2025 dollars)	0, 0	NWS zone WAZ568 (CASCADES OF SNOHOMISH AND KING COUNTIES), zone-level	within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2023-05-12	Heat		\$0 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone WAZ556 (BELLEVUE AND VICINITY), zone-level	within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2021-10-24	High Wind	52 kt (60 mph) estimated gust	damage not reported	2, 0	NWS zone WAZ568 (CASCADES OF SNOHOMISH AND KING COUNTIES), zone-level	within last 5 years	deaths or injuries recorded
2017-11-13	High Wind	37 kt (43 mph) measured sustained	\$2,000,000 property; \$0 crops (zone total, 2017 dollars)	1, 1	NWS zone WAZ555 (EAST PUGET SOUND LOWLANDS), zone-level		deaths or injuries recorded
2017-09-04	Wildfire		\$4,500,000 property; \$0 crops (zone total, 2017 dollars)	0, 0	NWS zone WAZ568 (CASCADES OF SNOHOMISH AND KING COUNTIES), zone-level		B1-c worst recorded: Wildfire
2014-03-22	Debris Flow		\$60,000,000 property; \$0 crops (2014 dollars)	43, 12	OSO		deaths or injuries recorded
2012-12-17	Coastal Flood		\$200,000 property; \$0 crops (zone total, 2012 dollars)	0, 0	NWS zone WAZ507 (EVERETT AND VICINITY), zone-level		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2009-01-07	Flood		\$6,500,000 property; \$0 crops (2009 dollars)	0, 0	GOLD BAR to ARLINGTON		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2008-12-21	Heavy Snow		\$3,000,000 property; \$0 crops (zone total, 2008 dollars)	0, 0	NWS zone WAZ507 (EVERETT AND VICINITY), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2005-06-21	Thunderstorm Wind	50 kt (58 mph) estimated gust	damage not reported	0, 0	DARRINGTON		B1-c worst recorded: Thunderstorm Wind
1996-09-15	Lightning		damage not reported	1, 0	MARYSVILLE		B1-c worst recorded: Lightning
1970-11-24	Tornado	F2, 0.3 mi path length (whole path, pre-1996), 30 yd wide	\$25,000 property; crops not recorded (1970 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" (204 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	0.3	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	9	1994 to 2023 (30 years)	see B1-f	
Coastal Flooding	3.18	events per year at a location (modeled)	about 3.2 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	0.0352	event-days per year	about 0.0352 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	0.643	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	4.72	event-days per year	about 4.72 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	182	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.0362	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 3.62%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.031	events per year	about 1 in 32 years	Possible	FEMA annualized frequency (modeled)	1.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.36	event-days per year	about 3.36 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	42.1	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	0.446	event-days per year	about 0.446 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	30	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.393	event-days per year	about 0.393 days per year	Likely	Storm Events event-days in 10 of 30 years, 1996 to 2025 (33.3%)	11	1996 to 2023 (28 years)	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
Landslide	4.12	events per year (modeled)	about 4.12 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	8.63	days per year with a strike	about 8.63 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0183	events per year	about 1 in 54 years	Possible	FEMA annualized frequency (modeled)	1	1986 to 2023 (38 years)	countywide	
Tornado	0.0489	events per year	about 1 in 20 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami	0.0553	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: 5.53%		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
Volcanic Activity	0.0123	annual probability	about 1 in 81 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.0000283	annual probability at a location	chance a given location in the county burns in a year: 0.00283%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Winter Weather	31.9	event-days per year	about 31.9 days per year	Likely	Storm Events event- days in 18 of 30 years, 1996 to 2025 (60%)	581	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	1	30	0.0333
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	2	30	0.0667
Tornado	EF0-1	1996 to 2025	4	30	0.133
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	10 of 173	83.3	86.3	89.4	Relatively Moderate 10, Not Applicable 163
Coastal Flooding	28 of 173	72.7	86.4	99.4	Very High 1, Relatively High 2, Relatively Moderate 9, Relatively Low 14, Very Low 2, No Rating 145
Cold Wave	45 of 173	15.4	47.2	64.8	Relatively Moderate 23, Relatively Low 17, Very Low 5, No Rating 128
Drought	19 of 173	66.8	67.5	70.4	Very Low 19, No Rating 154
Earthquake	173 of 173	79.8	89.9	99.8	Very High 22, Relatively High 78, Relatively Moderate 73
Hail	173 of 173	1.6	8.9	22.0	Very Low 173
Heat Wave	173 of 173	18.5	64.4	83.2	Relatively Moderate 137, Relatively Low 36
Hurricane	0 of 173				Not Applicable 173
Ice Storm	173 of 173	50.2	81.9	92.3	Relatively High 4, Relatively Moderate 157, Relatively Low 12
Inland Flooding	173 of 173	3.7	32.0	99.6	Very High 6, Relatively High 9, Relatively Moderate 38, Relatively Low 87, Very Low 33
Landslide	173 of 173	12.1	92.4	100.0	Very High 5, Relatively High 6, Relatively Moderate 40, Relatively Low 86, Very Low 36
Lightning	173 of 173	7.4	32.9	59.1	Relatively Moderate 4, Relatively Low 158, Very Low 11
Strong Wind	173 of 173	1.4	4.9	9.6	Very Low 173
Tornado	173 of 173	4.0	12.4	25.3	Very Low 173
Tsunami	18 of 173	13.8	28.4	51.4	Relatively Low 1, Very Low 17, No Rating 5, Not Applicable 150
Volcanic Activity	169 of 173	79.0	83.5	99.5	Relatively High 4, Relatively Moderate 5, Relatively Low 8, Very Low 152, No Rating 4
Wildfire	173 of 173	20.5	55.8	81.5	Relatively Low 16, Very Low 157
Winter Weather	173 of 173	31.1	58.1	93.8	Relatively High 2, Relatively Moderate 142, Relatively Low 29

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
Snohomish County	County	Approved, expires 2031-07-27	FMA RL 22, SRL 44; any 179	\$31,243,435.32	0 total; not yet covered	Includes \$1,722,240 for declarations not counted as hazard incidents (DR-4481-WA).
Everett city	City	Approved, expires 2029-10-27	FMA RL 0, SRL 0; any 3	\$1,427,110.43	4 total; 0 since its plan	Includes \$281,770.11 for declarations not counted as hazard incidents (DR-4481-WA).
Marysville city	City	Approved, expires 2031-06-24	FMA RL 0, SRL 0; any 2	\$891,625.12	2 total; 0 since its plan	Includes \$33,097.82 for declarations not counted as hazard incidents (DR-4481-WA).
Sultan city	City	Approved, expires 2031-07-27	FMA RL 2, SRL 13; any 24	\$163,501.17	2 total; not yet covered	

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 2026-07-28 <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	\$88,580,324	n/a	10	\$2,790	n/a	\$1,708,473	0.00315%				
Coastal Flooding	\$5,021,427,079	n/a	17,571	\$2,272,626	n/a	\$105,964	0.0453%				
Cold Wave	\$30,768,923,302	\$73,440,986	154,543	\$2,038	\$6,780	\$2,149,275	under 0.0001%				
Drought	n/a	\$14,025,690	n/a	n/a	\$44	n/a	0.000317% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$279,674,383,073	n/a	827,957	\$160,708,138	n/a	\$85,973,407	0.0575%				
Hail	\$164,422,863,293	\$202,885,523	827,611	\$54,706	\$810	\$10,692	under 0.0001%				
Heat Wave	\$164,422,863,293	\$202,885,523	827,611	\$2,766	\$25,632	\$11,911,600	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$163,976,352,637	n/a	825,755	\$287,706	n/a	\$3,329,860	0.000175%				
Inland Flooding	\$164,261,219,047	\$133,543,821	12,403	\$111,892,015	\$122	\$16,746	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	\$5,708,187,099	n/a	27,693	\$3,108,215	n/a	\$21,626,429	0.0545%				
Lightning	\$164,422,863,293	n/a	827,611	\$52,112	n/a	\$1,203,825	under 0.0001%				
Strong Wind	\$164,422,863,293	\$202,885,523	827,611	\$23,245	\$2	\$50,628	under 0.0001%				

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 2026-07-28 <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
Tornado	\$164,422,863,293	\$202,885,523	827,611	\$271,919	\$219	\$761,473	0.000165%				
Tsunami	\$2,627,476,761	n/a	303	\$50,519	n/a	\$0	0.00192%				
Volcanic Activity	\$164,422,863,293	n/a	827,611	\$266,499	n/a	\$408,505	0.000162%				
Wildfire	\$26,740,251,425	\$41,253,175	144,375	\$114,035	\$3	\$5,692	0.000426%				
Winter Weather	\$164,422,863,293	\$202,885,523	827,611	\$51,978	\$1,416	\$707,817	under 0.0001%				

Totals since 2026-07-28: Storm Events not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet; Public Assistance: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	827,611
Building value (total, not at risk)	\$164,422,863,293
Agriculture value (total, not at risk)	\$202,885,523
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$279,196,336
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)	\$129,970,386
Social vulnerability rating	Very 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)	28	Severe repetitive loss, FMA definition (44 CFR 77.2)	59
Repetitive loss, NFIP insurance definition	211	Severe repetitive loss, NFIP insurance definition	40

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	28	59	211	40	230	16	94
of which: Edmonds city (community ID not in plan data)	1	1	3	1	4	0	1
of which: Everett city	0	0	3	0	3	0	0
of which: Index town (community ID not in plan data)	1	0	2	0	2	0	1
of which: Lynnwood city (community ID not in plan data)	1	0	4	0	5	0	1
of which: Marysville city	0	0	2	0	2	0	1
of which: Monroe city (community ID not in plan data)	1	1	5	1	5	0	0
of which: Mountlake Terrace city (community ID not in plan data)	0	0	1	0	1	0	0
of which: Snohomish city (community ID not in plan data)	0	0	3	0	3	0	0
of which: Sultan city	2	13	23	11	24	2	8
of which: Darrington town (community ID not in plan data)	0	0	1	0	1	0	0
of which: Lake Stevens city (community ID not in plan data)	0	0	1	0	1	0	0
of which: Snohomish County (unincorporated area)	22	44	163	27	179	14	82
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>
Snohomish County	535534	22	44	163	27	179	14	82
Everett city	530164	0	0	3	0	3	0	0
Marysville city	530168	0	0	2	0	2	0	1
Sultan city	530173	2	13	23	11	24	2	8

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	26	52	181	35	199	15	86
2 to 4 unit residential	1	2	7	2	7	0	4
other residential	0	0	6	0	6	0	1
non-residential	1	5	17	3	18	1	3
not reported	0	0	0	0	0	0	0

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

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

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

In this county 6 properties are FMA repetitive loss but not NFIP repetitive loss, and 189 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_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Snohomish County, WA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 53061). Automated baseline. <https://hazardplain.org/wa/53061/> 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