

Jackson County, OR

Risk-assessment baseline packet

Unit **County area 41029** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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

A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

OPENFEMA DISCLAIMER

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Plan clock

Status	Approved, expires 2029-02-12	Plan	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)
Approved	2024-02-13	Expires	2029-02-12
As of	2026-09-28	Days	868 days to expiry

What changed since your last plan (approved 2024-02-13)

New federal declarations	FM-5590-OR, FM-5670-OR (2 declaration rows; 2 counted incidents)	Storm Events records since approval	47 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 13	Repeat-flood change	First release: no prior release to compare.

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

Plan status for every jurisdiction listed in this county: 15 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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Plan clock**Plan status for every jurisdiction listed in this county**

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Jackson County	County	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Ashland city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Butte Falls town	Town	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Central Point city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Eagle Point city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Gold Hill city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Jacksonville city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Medford city	City	Approved, expires 2027-09-22	Medford City Hazard Mitigation Plan (FEMA plan 108419)	2022-09-23	2027-09-22	359		
Phoenix city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Rogue River city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Shady Cove city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Talent city	City	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Jackson County Fire District #3	Fire/EMS District	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Jackson County Fire District #5	Fire/EMS District	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		
Medford Water Commission	Water/Sewer Authority	Approved, expires 2029-02-12	Jackson County Multi-jurisdictional Natural Hazard Mitigation Plan (FEMA plan 109425)	2024-02-13	2029-02-12	868		

SOURCE

Supports B1-a: hazards

Hazards NRI does not cover: check locally

- 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)

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury, \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$53,795,490	\$32,670	\$295,358	\$54,123,519	24		
2	Earthquake	Relatively Moderate	Relatively High	\$21,680,737		\$13,400,718	\$35,081,455			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
3	Wildfire	Relatively High	Relatively High	\$23,549,689	\$1,438	\$1,460,370	\$25,011,497	101		
4	Heat Wave	Relatively Moderate	Relatively Moderate	\$1,714	\$20,517	\$5,897,959	\$5,920,190	14		
5	Winter Weather	Very High	Relatively High	\$2,141	under \$1	\$902,748	\$904,888	121		
6	Lightning	Relatively Moderate	Relatively Moderate	\$17,140		\$318,694	\$335,834	6		
7	Strong Wind	Relatively Low	Relatively Low	\$71,122	\$251	\$193,288	\$264,661	121		Includes 90 High Wind records and 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
8	Hail	Relatively Low	Relatively Low	\$156,663	\$19,813	\$25,384	\$201,860	49		
9	Cold Wave	Very Low	Very Low	\$16	\$266	\$59,428	\$59,710	145		Includes 119 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
10	Landslide	Relatively Low	Relatively Low	\$11,750		\$24,814	\$36,564	0		Declared 2 times; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
11	Tornado	Very Low	Very Low	\$18,819	\$12	\$11,455	\$30,286	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
12	Ice Storm	Very Low	Very Low	\$127		\$15,212	\$15,338	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Drought	Very Low	Very Low		\$1,738		\$1,738	0		Declared 1 time; no Storm Events record of this type.
14	Volcanic Activity	Very Low	Very Low	\$78		\$212	\$290	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
15	Avalanche	Very Low	Very Low	\$2		\$124	\$126	2		
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	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-3228-OR 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).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	15 of 52
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 52

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 52
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 52
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	52 of 52
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	52 of 52
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	52 of 52
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 52
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	52 of 52
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.	52 of 52
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	49 of 52
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	52 of 52
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	52 of 52
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	52 of 52
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 52
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	52 of 52
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	51 of 52
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	52 of 52

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	2, 2008 to 2009 (2 zone-level)		No damage reported in 2 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	26, 1998 to 2018 (26 zone-level)	1 day to 7 days (median 2 days); 18 with a recorded value	7 consecutive days, 2009-12-05 to 2009-12-11, 1 direct death, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required. Cold/ Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	119, 2003 to 2026 (119 zone-level)		No crop damage reported in 119 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D- scale	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					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	63, 1960 to 2021	0.75 in to 1.75 in (median 1 in); 63 with a recorded value	1.75 in hail, 2017-05-04; same size also recorded on 1964-07-13, 1969-06-04, 1995-07-08, 1995-07-25, 2009-08-01, 2017-05-04	Hail, 1997-09-02, property not reported; \$2,100,000 crops (1997 dollars)	Event records naming member places: Medford city (10 records), Ashland city (9 records), Talent city (2 records), Butte Falls town (1 record), Rogue River city (1 record).	
Excessive Heat, Heat	heat index (narratives)	14, 2017 to 2024 (14 zone- level)	2 days to 10 days (median 4 days); 13 with a recorded value	10 consecutive days, 2024-07-04 to 2024-07-13, 2 direct deaths, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	0					Ice thickness: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	24, 1996 to 2025 (7 zone-level)		Flood, 1997-01-01, \$60,400,000 property; \$10,500,000 crops, reported for the zone (1997 dollars); Storm Events area ROGUE BASIN (legacy zone code ORZ008), zone-level: may include parts of neighboring counties		Event records naming member places: Ashland city (4 records), Butte Falls town (1 record), Jacksonville city (1 record), Rogue River city (1 record), Shady Cove city (1 record). Zone-level records (7) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	6, 2002 to 2026		Lightning, 2009-05-31, \$100,000 property; \$0 crops (2009 dollars), 1 direct injury		Event records naming member places: Ashland city (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	91, 1997 to 2024 (91 zone-level)	26 kt (30 mph) to 108 kt (124 mph) (median 73 kt (84 mph)); 85 with a recorded value	108 kt (124 mph) measured gust, High Wind, 2017-01-21; same speed and measurement basis also recorded on 2015-02-05; NWS zone ORZ028 (SISKIYOU MOUNTAINS & SOUTHERN OREGON CASCADES), zone-level: may include parts of neighboring counties	High Wind, 2008-01-03, \$1,000,000 property; \$0 crops, reported for the zone (2008 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Speeds under 20 kt (likely entry errors) are left out of the observed range.
Thunderstorm Wind	wind speed (kt and mph)	44, 1958 to 2026	50 kt (58 mph) to 80 kt (92 mph) (median 52.5 kt (60 mph)); 30 with a recorded value	80 kt (92 mph) estimated, Thunderstorm Wind, 2002-07-13	Thunderstorm Wind, 2024-07-16, \$160,000 property; \$0 crops (2024 dollars)	Event records naming member places: Medford city (6 records), Ashland city (2 records), Jacksonville city (2 records), Phoenix city (2 records), Shady Cove city (2 records), Gold Hill city (1 record), Rogue River city (1 record).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Tornado	Enhanced Fujita (F before Feb 2007)	0					From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	101, 1999 to 2025 (77 zone- level)		Wildfire, 2020-09-08, \$10,000,000 property; \$0 crops, reported for the zone (2020 dollars), 3 direct deaths (reported for the zone); NWS zone ORZ026 (JACKSON COUNTY), zone-level: may include parts of neighboring counties		No event record names a member place. Zone-level records (77) apply countywide.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	121, 1997 to 2026 (121 zone-level)		No damage reported in 121 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows

21

Counted incidents

15

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2026-08-14	2026-08-13	FM-5670-OR	Fire management	FIELDER MOUNTAIN FIRE	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2025-06-18	2025-06-18	FM-5590-OR	Fire management	UPPER APPLGATE ROAD FIRE	Wildfire	none found	new since last plan; within last 5 years	
2020-09-15	2020-09-07	DR-4562-OR	Major disaster	WILDFIRES AND STRAIGHT-LINE WINDS	Wildfire	\$7,543,123.60		
2020-09-10	2020-09-08	EM-3542-OR	Emergency	WILDFIRES	Wildfire	none found		same incident as DR-4562
2020-09-09	2020-09-08	FM-5367-OR	Fire management	SOUTH OBENCHAIN FIRE	Wildfire	none found		same incident as DR-4562
2020-09-09	2020-09-08	FM-5364-OR	Fire management	ALMEDA GLENDOWER FIRE	Wildfire	none found		same incident as DR-4562
2020-03-28	2020-01-20	DR-4499-OR	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$144,355,013.78		
2020-03-13	2020-01-20	EM-3429-OR	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4499
2018-08-24	2018-08-23	FM-5274-OR	Fire management	RAMSEY CANYON FIRE	Wildfire	none found		
2018-07-19	2018-07-18	FM-5256-OR	Fire management	GARNER FIRE COMPLEX	Wildfire	none found		
2014-08-01	2014-07-31	FM-5066-OR	Fire management	OREGON GULCH FIRE	Wildfire	none found		
2009-09-22	2009-09-21	FM-2838-OR	Fire management	SOUTH COUNTY FIRE COMPLEX	Wildfire	none found		
2006-03-20	2005-12-18	DR-1632-OR	Major disaster	SEVERE STORMS, FLOODING, LANDSLIDES, AND MUDSLIDES	Inland Flooding; Landslide	\$1,052,370.67		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2005-09-07	2005-08-29	EM-3228-OR	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2003-09-06	2003-09-05	FM-2496-OR	Fire management	OR-COVE ROAD FIRE-09-05-2003	Wildfire	none found		
2002-07-28	2002-07-27	FM-2454-OR	Fire management	TIMBERED ROCK FIRE	Wildfire	none found		
2002-07-17	2002-07-16	FM-2445-OR	Fire management	OR - SQUIRE PEAK/ WALL CREEK FIRE - 07/17/02	Wildfire	none found		
1997-01-23	1996-12-25	DR-1160-OR	Major disaster	SEVERE WINTER STORMS, LAND AND MUDSLIDES, FLOODING	Inland Flooding; Landslide; Winter Weather	none found		
1977-04-29	1977-04-29	EM-3039-OR	Emergency	DROUGHT	Drought	none found		
1974-01-25	1974-01-25	DR-413-OR	Major disaster	SEVERE STORMS, SNOWMELT & FLOODING	Inland Flooding	none found		
1964-12-24	1964-12-24	DR-184-OR	Major disaster	HEAVY RAINS & FLOODING	Inland Flooding	none found		

School districts and special districts in this county: \$604,679.01 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county); do not add this line to the county total.

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.

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

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1963-02-25	1963-02-25	DR-144-OR	Major disaster	FLOODS	Inland Flooding		
1962-10-16	1962-10-16	DR-136-OR	Major disaster	SEVERE STORMS	Hazard not mapped (severe storm title names no single hazard); not counted		
1957-03-01	1957-03-01	DR-69-OR	Major disaster	FLOOD	Inland Flooding		
1956-07-20	1956-07-20	DR-60-OR	Major disaster	STORM & FLOOD	Inland Flooding		
1955-12-29	1955-12-29	DR-49-OR	Major disaster	FLOOD	Inland Flooding		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

27 Fire Management declarations (1973-08-17 to 2001-08-17) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

SOURCE

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Public Assistance not placed in a county in this state: 1 row, \$479,867.27

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4519	2020-04-03	City of Walla Walla	Walla Walla County	\$479,867.27	county field is a county of another state and the applicant name does not identify a place in the declaring state

FEMA's Public Assistance summaries file these applicants under a county field that is not a county of this state (an Alaska school area, the former Valdez-Cordova Census Area, or another state's county), and the applicant name does not identify one place here. They are listed for the whole state and are not in any county total. Check whether any of them worked in your county.

SOURCE

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	2	0	0	0	0	0	1996 to 2026-06-30	
Coastal Flooding	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	145	5	4	13	0	0	1996 to 2026-06-30	Includes 119 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	63	0	0	0	0	0	1955 to 2026-06-30	
Heat Wave	14	2	1	4	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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	24	1	0	1	4	0	1996 to 2026-06-30	
Landslide	0	0	0	0	2	0	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
Lightning	6	1	0	1	0	0	1996 to 2026-06-30	
Strong Wind	135	8	2	17	0	0	1955 to 2026-06-30	Includes 90 High Wind records and 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
Tornado	0	0	0	0	0	0	1950 to 2026-06-30	No recorded events, 1950 to 2026-06-30, NOAA NCEI Storm Events

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Tsunami	0	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	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	101	13	2	23	10	2	1996 to 2026-06-30	
Winter Weather	121	17	12	35	1	0	1996 to 2026-06-30	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2024-07-16	Thunderstorm Wind	56 kt (64 mph) estimated gust	\$160,000 property; \$0 crops (2024 dollars)	0, 0	PHOENIX to CENTRAL PT	new since last plan; within last 5 years	B1-c most damaging: Thunderstorm Wind
2024-07-04	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2024 dollars)	2, 0	NWS zone ORZ026 (JACKSON COUNTY), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	deaths or injuries recorded
2020-09-08	Wildfire		\$10,000,000 property; \$0 crops, reported for the zone (2020 dollars)	3, 0	NWS zone ORZ026 (JACKSON COUNTY), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2017-05-04	Hail	1.75 in	\$0 property; \$0 crops (2017 dollars)	0, 0	UNION CREEK		B1-c worst recorded: Hail
2017-01-21	High Wind	108 kt (124 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2017 dollars)	0, 0	NWS zone ORZ028 (SISKIYOU MOUNTAINS & SOUTHERN OREGON CASCADES), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2009-12-05	Extreme Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2009 dollars)	1, 0	NWS zone ORZ026 (JACKSON COUNTY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2009-05-31	Lightning		\$100,000 property; \$0 crops (2009 dollars)	0, 1	VOORHIES to TOLO		B1-c worst recorded: Lightning
2008-01-03	High Wind	70 kt (81 mph) estimated gust	\$1,000,000 property; \$0 crops, reported for the zone (2008 dollars)	1, 0	NWS zone ORZ026 (JACKSON COUNTY), zone-level: may include parts of neighboring counties		B1-c most damaging: High Wind and Strong Wind (outside NRI Strong Wind definition)
2002-07-13	Thunderstorm Wind	80 kt (92 mph) estimated	damage not reported	0, 0	SAMS VLY		B1-c worst recorded: Thunderstorm Wind

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
1998-03-21	Flood		damage not reported	2, 1	Storm Events area JOSEPHINE T X SE/JACKSON T X S (legacy zone code ORZ008), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1997-09-02	Hail	1.5 in	property not reported; \$2,100,000 crops (1997 dollars)	0, 0	(MFR)MEDFORD ARPT		B1-c most damaging: Hail
1997-01-01	Flood		\$60,400,000 property; \$10,500,000 crops, reported for the zone (1997 dollars)	0, 0	Storm Events area ROGUE BASIN (legacy zone code ORZ008), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood

The full list is in the XLSX file, sheet "B1-d Storm Events history" (611 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

Tribal and special-area declarations in this state are listed on the state page.

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

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		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0.021	event-days per year	about 0.021 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	0.399	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.

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
Drought	51.6	event-days per year	about 51.6 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	2,044	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0125	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 1.25%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	0.158	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	6.0 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	6.45	event-days per year	about 6.45 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	90.9	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 6.45 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 8 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
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	0.0149	event-days per year	about 0.0149 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Inland Flooding	0.571	event-days per year	about 0.571 days per year	Likely	event-days in 14 of 30 years, 1996 to 2025 (46.7%)	16	1996 to 2023 (28 years)	see B1-f	
Landslide	2.86	events per year (modeled)	about 2.86 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	9.8	days per year with a strike	about 9.8 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0607	events per year	about 1 in 16 years	Possible	FEMA annualized frequency (modeled)	3	1986 to 2023 (38 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Tornado	0.019	events per year	about 1 in 53 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity	0.0016	annual probability	about 1 in 625 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.011	annual probability at a location	chance a given location in the county burns in a year: 1.1%	Likely	Storm Events records in 21 of 30 years, 1996 to 2025 (70%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	23.5	event-days per year	about 23.5 days per year	Highly likely	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	447	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

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

Unit	Descriptor	Definition
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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

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	30	30	1
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	19	30	0.633
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	2	30	0.0667
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	7	30	0.233
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

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.

SOURCE
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	15 of 52	16.1	20.1	22.5	Very Low 15, Not Applicable 37	
Coastal Flooding	0 of 52				Not Applicable 52	
Cold Wave	6 of 52	15.9	22.6	42.8	Relatively Low 4, Very Low 2, No Rating 46	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	11 of 52	68.6	69.7	77.4	Very Low 11, No Rating 41	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	52 of 52	74.5	86.1	99.7	Very High 1, Relatively High 13, Relatively Moderate 37, Relatively Low 1	
Hail	52 of 52	24.7	39.4	57.8	Relatively Low 32, Very Low 20	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	52 of 52	51.2	83.8	91.1	Relatively High 22, Relatively Moderate 29, Relatively Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	0 of 52				Not Applicable 52	
Ice Storm	52 of 52	1.9	3.6	5.7	Very Low 52	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	52 of 52	10.1	70.5	99.9	Very High 6, Relatively High 12, Relatively Moderate 22, Relatively Low 11, Very Low 1	
Landslide	49 of 52	9.0	32.5	97.9	Relatively Moderate 5, Relatively Low 9, Very Low 35, No Rating 3	
Lightning	52 of 52	15.0	35.7	49.0	Relatively Low 48, Very Low 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	52 of 52	13.7	24.5	33.1	Relatively Low 42, Very Low 10	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	52 of 52	1.6	2.2	3.5	Very Low 52	
Tsunami	0 of 52				Not Applicable 52	
Volcanic Activity	52 of 52	41.5	76.6	96.4	Relatively Low 1, Very Low 51	
Wildfire	51 of 52	23.7	89.7	99.9	Very High 9, Relatively High 7, Relatively Moderate 12, Relatively Low 6, Very Low 17, No Rating 1	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Winter Weather	52 of 52	70.3	91.9	96.0	Very High 1, Relatively High 48, Relatively Moderate 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Jackson County	County	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 6	\$3,474,340.05	0; 0	Includes \$76,873.32 for declarations not counted as hazard incidents (DR-4499-OR).
Ashland city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 0	\$72,186.85	16; 1	Includes \$37,649.12 for declarations not counted as hazard incidents (DR-4499-OR).
Butte Falls town	Town	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 0	\$10,634.81	2; 0	
Central Point city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 1	\$618,975.56	0; 0	
Eagle Point city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 2	\$46,592.57	0; 0	
Gold Hill city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 0	none found	1; 1	
Jacksonville city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 1	none found	3; 1	
Medford city	City	Approved, expires 2027-09-22	FMA RL 0, SRL 0; any 0	\$382,212.53	16; 1	Includes \$43,227.12 for declarations not counted as hazard incidents (DR-4499-OR).
Phoenix city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 0	\$1,376,066.25	2; 2	
Rogue River city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 2	\$22,613.54	3; 0	
Shady Cove city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 1	\$9,386.70	3; 1	
Talent city	City	Approved, expires 2029-02-12	FMA RL 0, SRL 0; any 0	\$1,016,548.71	2; 0	

Member 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 member row, while the county table counts only its part in this county.

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

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

- Critical facilities and lifelines per hazard
 - A problem statement per participant 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

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-02-13 <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	\$1,966,353		under 1	\$2		\$124	0.000105%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$904,486,330	\$9,586,176	2,539	\$16	\$266	\$59,428	under 0.0001%		\$0		
Drought		\$58,336,036			\$1,738		0.00298% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$93,619,876,480		223,259	\$21,680,737		\$13,400,718	0.0232%				
Hail	\$54,701,142,974	\$91,487,142	222,969	\$156,663	\$19,813	\$25,384	0.000286%				
Heat Wave	\$54,701,142,974	\$91,487,142	222,969	\$1,714	\$20,517	\$5,897,959	under 0.0001%		\$0		
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$54,701,142,974		222,969	\$127		\$15,212	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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-02-13 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Inland Flooding	\$54,672,125,691	\$11,076,424	7,281	\$53,795,490	\$32,670	\$295,358	n/a (see note)	\$0			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. EAL as % of exposure: n/a.
Landslide	\$2,612,896,499		9,463	\$11,750		\$24,814	0.00045%				
Lightning	\$54,701,142,974		222,969	\$17,140		\$318,694	under 0.0001%	\$12,000			
Strong Wind	\$54,701,142,974	\$91,487,142	222,969	\$71,122	\$251	\$193,288	0.00013%	\$362,000			
Tornado	\$54,701,142,974	\$91,487,142	222,969	\$18,819	\$12	\$11,455	under 0.0001%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$54,701,142,974		222,969	\$78		\$212	under 0.0001%				
Wildfire	\$6,396,159,180	\$51,159,176	47,184	\$23,549,689	\$1,438	\$1,460,370	0.368%		\$0	none found (2 declarations)	
Winter Weather	\$54,701,142,974	\$91,487,142	222,969	\$2,141	under \$1	\$902,748	under 0.0001%		\$0		

Totals since 2024-02-13 (Storm Events through 2026-06-30): 10 county-coded records, 9 with a damage value recorded (including \$0), \$374,000; 37 zone-level records, 37 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (2 declarations, 0 with PA).

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

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 must not be added up; the unit total counts each declaration once.

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

Measure	Value
Population	222,969
Building value (total, not at risk)	\$54,701,142,974
Agriculture value (total, not at risk)	\$91,487,142
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$99,382,192
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)	\$22,605,764
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively Moderate
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	13	Severe repetitive loss, NFIP insurance definition	0

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties: county and state-level rows

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	0	13	0	13	0	4
CENTRAL POINT, CITY OF	0	0	1	0	1	0	0
EAGLE POINT, CITY OF	0	0	2	0	2	0	0
JACKSONVILLE, CITY OF	0	0	1	0	1	0	0
ROGUE RIVER, CITY OF	0	0	2	0	2	0	0

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
SHADY COVE, CITY OF	0	0	1	0	1	0	1
JACKSON COUNTY *	0	0	6	0	6	0	3
State level, not in this county: county not reported	0	0	1	0	1	0	0

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties by plan member (NFIP community)**

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Jackson County	415589	0	0	6	0	6	0	3	
Ashland city	410090	0	0	0	0	0	0	0	
Butte Falls town	410091	0	0	0	0	0	0	0	
Central Point city	410092	0	0	1	0	1	0	0	
Eagle Point city	410093	0	0	2	0	2	0	0	
Gold Hill city	410094	0	0	0	0	0	0	0	
Jacksonville city	410095	0	0	1	0	1	0	0	
Medford city	410096	0	0	0	0	0	0	0	
Phoenix city	410097	0	0	0	0	0	0	0	
Rogue River city	410098	0	0	2	0	2	0	0	
Shady Cove city	410099	0	0	1	0	1	0	1	
Talent city	410100	0	0	0	0	0	0	0	

Per-member types: XLSX sheet 'B2-c Members'.

Member 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 member row, while the county table counts only its part in this county.

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**County repeat-flood properties by occupancy group**

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	0	12	0	12	0	4
2 to 4 unit residential	0	0	1	0	1	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
not reported	0	0	0	0	0	0	0

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

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; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 13 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
 2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
 4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <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 2026-09-28, 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 2026-09-28, <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 2026-09-28, <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 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx
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Cite this: Hazard Plain (2026). Jackson County, OR: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 41029). Preview: automated baseline. 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: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_OR_41029. Preview: automated baseline.