

Washoe County, NV

Risk-assessment baseline packet

Unit **County area 32031** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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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 2030-09-23	Plan	Washoe County (FEMA plan 110726)
Approved	2025-09-24	Expires	2030-09-23
As of	2026-09-28	Days	1,456 days to expiry

What changed since your last plan (approved 2025-09-24)

New federal declarations	FM-5663-NV, FM-5667-NV, FM-5668-NV, FM-5674-NV, EM-3653-NV (5 declaration rows; 4 counted incidents)	Storm Events records since approval	39 (data through 2026-06-30)
Repetitive loss now	FMA RL 3, SRL 4 (44 CFR 77.2); any definition: 60	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

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Washoe County	County	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		
Reno city	City	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		
Sparks city	City	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		member approved 2026-01-27
North Lake Tahoe Fire Protection District	Fire/EMS District	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		
Pyramid Lake Paiute Tribe	Tribal	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		member approved 2025-11-24

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Reno Sparks Indian Colony	Tribal	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		
Truckee Meadows Fire Protection District	Fire/EMS District	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		
Truckee River Flood Management Authority	Flood Control District	Approved, expires 2030-09-23	Washoe County (FEMA plan 110726)	2025-09-24	2030-09-23	1,456		

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

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

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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	Earthquake	Relatively High	Relatively High	\$102,367,141		\$57,343,365	\$159,710,506			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
2	Inland Flooding	Relatively High	Relatively High	\$78,980,359	\$351	\$1,045,767	\$80,026,477	59		
3	Wildfire	Relatively High	Relatively High	\$25,153,178	\$517	\$1,361,162	\$26,514,858	21		
4	Winter Weather	Very High	Very High	\$103,565	under \$1	\$1,973,454	\$2,077,019	488		
5	Lightning	Relatively High	Relatively High	\$59,127		\$1,369,295	\$1,428,422	5		
6	Strong Wind	Relatively Moderate	Relatively Moderate	\$106,650	\$29	\$1,026,376	\$1,133,056	804		Includes 690 High Wind records and 55 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Avalanche	Relatively Moderate	Relatively Moderate	\$30		\$1,019,737	\$1,019,766	9		
8	Heat Wave	Relatively Low	Relatively Low	\$1,173	\$2,423	\$606,569	\$610,165	4		
9	Ice Storm	Relatively Moderate	Relatively Moderate	\$3,002		\$487,469	\$490,472	3		

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
10	Hail	Relatively Low	Relatively Low	\$280,626	\$245	\$131,861	\$412,732	30		
11	Drought	Relatively Low	Relatively Low		\$169,449		\$169,449	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Tornado	Very Low	Very Low	\$139,579	\$168	\$6,269	\$146,015	8		
13	Landslide	Relatively Moderate	Relatively Low	\$59,678		\$4,891	\$64,569	5		
14	Volcanic Activity	Very Low	Very Low	\$1		\$343	\$344	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	Cold Wave	Very Low	Very Low	under \$1	\$0	\$0	under \$1	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-3243-NV 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.	18 of 137
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 137
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1 of 137
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	8 of 137
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.	137 of 137
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	137 of 137
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	137 of 137
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 137
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	137 of 137
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.	137 of 137
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.	135 of 137
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	137 of 137
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	137 of 137
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.	137 of 137
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 137
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.	137 of 137
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.	99 of 137
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	137 of 137

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)	9, 1997 to 2025 (9 zone-level)		No damage reported in 9 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	2, 1997 to 2013 (2 zone-level)	2 days to 3 days (median 2.5 days); 2 with a recorded value	3 consecutive days, 1997-01-13 to 1997-01-15, 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.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					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)	40, 1957 to 2026	0.5 in to 1.75 in (median 0.88 in); 40 with a recorded value	1.75 in hail, 2004-07-21; same size also recorded on 1970-06-21, 2002-07-13		Event records naming member places: Sparks city (9 records), Reno city (7 records).	
Excessive Heat, Heat	heat index (narratives)	4, 2006 to 2022 (4 zone-level)	3 days to 13 days (median 3 days); 3 with a recorded value	13 consecutive days, 2006-07-16 to 2006-07-28, 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)	3, 2005 to 2007 (3 zone-level)		Ice Storm, 2006-12-21, \$25,000 property; \$0 crops, reported for the zone (2006 dollars); NWS zone NVZ004 (WESTERN NEVADA BASIN AND RANGE), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	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)	59, 1996 to 2026 (3 zone-level)		Flood, 2017-01-08, \$7,000,000 property; \$0 crops (2017 dollars)		Event records naming member places: Sparks city (11 records), Reno city (2 records). Zone-level records (3) 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)	5, 2018 to 2025		Debris Flow, 2025-07-30, \$20,000 property; \$0 crops (2025 dollars)		No event record names a member place.	Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	5, 1997 to 2013		Lightning, 2013-06-28, \$300,000 property; \$0 crops (2013 dollars)		Event records naming member places: Reno city (2 records), Sparks 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)	745, 1996 to 2026 (745 zone-level)	23 kt (26 mph) to 132 kt (152 mph) (median 58 kt (67 mph)); 737 with a recorded value	132 kt (152 mph), measurement type not recorded, High Wind, 1999-02-06; NWS zone NVZ003 (S WASHOE T X SE & X SW/STOREY/E CARSON CITY/C&E DOUGLAS/NW LYON), zone-level: may include parts of neighboring counties	Strong Wind, 2008-12-25, \$500,000 property; \$0 crops, reported for the zone (2008 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	76, 1969 to 2026	39 kt (45 mph) to 75 kt (86 mph) (median 55 kt (63 mph)); 69 with a recorded value	75 kt (86 mph) measured gust, Thunderstorm Wind, 2026-06-19	Thunderstorm Wind, 2002-07-13, \$5,000 property; crops not reported (2002 dollars)	Event records naming member places: Reno city (8 records), Sparks city (7 records).	

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)	12, 1964 to 2017	F/EF0 to F/EF1 (median F/EF0); 11 with a recorded value	F1 tornado, 1973-07-16, 1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 80 yd wide, damage not recorded (pre-1996 record), 1 direct injury		Event records naming member places: Sparks city (3 records), Reno city (1 record).	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)	21, 2001 to 2025 (20 zone-level)		Wildfire, 2016-10-14, \$30,000,000 property; \$0 crops, reported for the zone (2016 dollars); NWS zone NVZ003 (GREATER RENO/CARSON CITY/ MINDEN AREA), zone-level: may include parts of neighboring counties		Event records naming member places: Reno city (1 record). Zone-level records (20) 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)	488, 1996 to 2026 (487 zone-level)		Winter Storm, 2022-12-10, \$5,000,000 property; crops not reported, reported for the zone (2022 dollars); NWS zone NVZ003 (GREATER RENO/CARSON CITY/ MINDEN AREA), zone-level: may include parts of neighboring counties		No event record names a member place. Zone-level records (487) apply countywide.	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 **53** Counted incidents **49**

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
2026-09-01	2026-08-22	EM-3653-NV	Emergency	HAWK FIRE	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2026-08-22	2026-08-22	FM-5674-NV	Fire management	HAWK FIRE	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	same incident as EM-3653
2026-08-11	2026-08-10	FM-5668-NV	Fire management	STALLION FIRE	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2026-08-11	2026-08-09	FM-5667-NV	Fire management	FRED 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	
2026-08-08	2026-08-08	FM-5663-NV	Fire management	BUG FIRE	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2025-08-02	2025-08-02	FM-5602-NV	Fire management	PEAVINE FIRE	Wildfire		none found	during plan review, check whether your last plan included it; within last 5 years
2025-06-10	2025-06-10	FM-5586-NV	Fire management	MARIE FIRE	Wildfire		none found	during plan review, check whether your last plan included it; within last 5 years
2024-11-11	2024-11-11	FM-5546-NV	Fire management	CALLAHAN FIRE	Wildfire		none found	during plan review, check whether your last plan included it; within last 5 years
2024-09-07	2024-09-07	FM-5533-NV	Fire management	DAVIS FIRE	Wildfire		none found	within last 5 years

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-08-12	2024-08-11	FM-5530-NV	Fire management	GOLD RANCH FIRE	Wildfire	none found	within last 5 years	
2024-06-12	2024-06-11	FM-5495-NV	Fire management	SULLIVAN FIRE	Wildfire	none found	within last 5 years	
2024-06-11	2024-06-11	FM-5494-NV	Fire management	TRAIL FIRE	Wildfire	none found	within last 5 years	
2022-08-14	2022-08-14	FM-5448-NV	Fire management	JOY LAKE FIRE	Wildfire	none found	within last 5 years	
2020-11-17	2020-11-17	FM-5382-NV	Fire management	PINEHAVEN FIRE	Wildfire	none found		
2020-08-15	2020-08-15	FM-5328-NV	Fire management	LOYALTON FIRE	Wildfire	none found		
2020-08-03	2020-08-02	FM-5326-NV	Fire management	NORTH FIRE	Wildfire	none found		
2020-07-21	2020-07-21	FM-5322-NV	Fire management	ROCKFARM FIRE	Wildfire	none found		
2020-06-27	2020-06-27	FM-5316-NV	Fire management	POEVILLE ROAD FIRE	Wildfire	none found		
2020-04-04	2020-01-20	DR-4523-NV	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$21,062,087.06		
2020-03-13	2020-01-20	EM-3443-NV	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4523
2019-08-24	2019-08-24	FM-5291-NV	Fire management	LONG VALLEY FIRE	Wildfire	none found		
2019-07-13	2019-07-13	FM-5283-NV	Fire management	JASPER FIRE	Wildfire	none found		
2017-07-14	2017-07-14	FM-5190-NV	Fire management	COLD SPRINGS FIRE	Wildfire	none found		
2017-03-27	2017-02-05	DR-4307-NV	Major disaster	SEVERE WINTER STORMS, FLOODING, AND MUDSLIDES	Inland Flooding; Landslide; Winter Weather	\$2,471,925.89		
2017-02-17	2017-01-05	DR-4303-NV	Major disaster	SEVERE WINTER STORMS, FLOODING, AND MUDSLIDES	Inland Flooding; Landslide; Winter Weather	\$7,233,546.47		
2016-10-14	2016-10-14	FM-5156-NV	Fire management	LITTLE VALLEY FIRE	Wildfire	none found		
2016-07-31	2016-07-29	FM-5141-NV	Fire management	VIRGINIA MOUNTAINS COMPLEX FIRE	Wildfire	none found		
2016-07-29	2016-07-29	FM-5138-NV	Fire management	ROCK FIRE	Wildfire	none found		
2012-01-19	2012-01-19	FM-2974-NV	Fire management	WASHOE FIRE	Wildfire	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2011-11-18	2011-11-18	FM-2973-NV	Fire management	CAUGHLIN FIRE	Wildfire	none found		
2009-07-17	2009-07-15	FM-2822-NV	Fire management	RED ROCK FIRE	Wildfire	none found		
2007-07-16	2007-07-16	FM-2713-NV	Fire management	HAWKEN FIRE	Wildfire	none found		
2007-07-08	2007-07-07	FM-2709-NV	Fire management	HUNGRY VALLEY FIRE	Wildfire	none found		
2007-07-06	2007-07-06	FM-2704-NV	Fire management	RED ROCK FIRE	Wildfire	none found		
2006-11-11	2006-11-11	FM-2679-NV	Fire management	PINEHAVEN FIRE	Wildfire	none found		
2006-08-12	2006-08-11	FM-2664-NV	Fire management	VERDI FIRE	Wildfire	none found		
2006-06-27	2006-06-26	FM-2649-NV	Fire management	OREGON FIRE	Wildfire	none found		
2006-02-03	2005-12-31	DR-1629-NV	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$3,973,643.26		
2005-09-13	2005-08-29	EM-3243-NV	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	\$57,521.89		
2005-02-23	2005-01-06	EM-3204-NV	Emergency	SNOW	Winter Weather	\$1,281,071.58		
2005-02-17	2004-12-29	EM-3202-NV	Emergency	RECORD AND/OR NEAR RECORD SNOW	Winter Weather	\$767,950.36		
2004-08-25	2004-08-25	FM-2550-NV	Fire management	ANDREW WILDFIRE	Wildfire	none found		
2004-07-14	2004-07-14	FM-2531-NV	Fire management	WATERFALL FIRE	Wildfire	none found		
2004-06-30	2004-06-30	FM-2524-NV	Fire management	VERDI FIRE COMPLEX	Wildfire	none found		
2003-07-15	2003-07-14	FM-2479-NV	Fire management	NV-ROBB WILDFIRE-7-14-2003	Wildfire	none found		
2003-07-11	2003-07-10	FM-2476-NV	Fire management	NV-RED ROCK FIRE 7-11-03	Wildfire	none found		
2001-08-09	2001-08-09	FM-2371-NV	Fire management	NV - ANTELOPE FIRE - 08/09/2001	Wildfire	none found		
2000-08-01	2000-08-01	FM-2316-NV	Fire management	NV - ARROWCREEK FIRE	Wildfire	none found		
2000-06-30	2000-06-28	FM-2312-NV	Fire management	RENO FIRE COMPLEX	Wildfire	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
1999-07-03	1999-07-02	FM-2265-NV	Fire management	MIRA LOMA FIRE	Wildfire	none found		
1997-01-03	1996-12-20	DR-1153-NV	Major disaster	SEVERE STORMS, FLOODING, MUD AND LANDSLIDES	Inland Flooding; Landslide	none found		
1986-02-28	1986-02-15	DR-759-NV	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1965-01-18	1965-01-18	DR-187-NV	Major disaster	SEVERE STORMS, HEAVY RAINS & FLOODING	Inland Flooding	none found		

School districts and special districts in this county: \$1,554,250.36 (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
1963-02-14	1963-02-14	DR-142-NV	Major disaster	FLOODS	Inland Flooding		
1962-02-22	1962-02-22	DR-121-NV	Major disaster	FLOODS	Inland Flooding		
1956-08-31	1956-08-31	DR-63-NV	Major disaster	FLOOD	Inland Flooding		
1955-12-24	1955-12-24	DR-48-NV	Major disaster	FLOOD	Inland Flooding		
1955-06-21	1955-06-21	DR-36-NV	Major disaster	FLOOD	Inland Flooding		
1954-07-14	1954-07-14	DR-19-NV	Major disaster	EARTHQUAKE	Earthquake		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.
12 Fire Management declarations (1979-06-11 to 1999-08-25) 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)

Previous occurrences by hazard, with explicit no-event rows

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
Avalanche	9	1	0	3	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

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
Cold Wave	2	0	0	0	0	0	1996 to 2026-06-30	
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	40	1	2	4	0	0	1955 to 2026-06-30	
Heat Wave	4	0	0	1	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	3	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	59	3	7	17	6	0	1996 to 2026-06-30	
Landslide	5	0	1	2	3	0	1996 to 2026-06-30	
Lightning	5	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	821	16	40	146	0	0	1955 to 2026-06-30	Includes 690 High Wind records and 55 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	12	0	0	0	0	0	1950 to 2026-06-30	
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	21	0	1	2	41	4	1996 to 2026-06-30	
Winter Weather	488	18	23	126	4	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
2026-06-19	Thunderstorm Wind	75 kt (86 mph) measured gust	\$0 property; \$0 crops (2026 dollars)	0, 0	PHIL SIDING	new since last plan; within last 5 years	B1-c worst recorded: Thunderstorm Wind
2022-12-10	Winter Storm		\$5,000,000 property; crops not reported, reported for the zone (2022 dollars)	0, 0	NWS zone NVZ003 (GREATER RENO/CARSON CITY/ MINDEN AREA), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2017-01-08	Flood		\$7,000,000 property; \$0 crops (2017 dollars)	0, 0	SUTCLIFFE to NIXON		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2016-10-14	Wildfire		\$30,000,000 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone NVZ003 (GREATER RENO/CARSON CITY/ MINDEN AREA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire
2013-06-28	Lightning		\$300,000 property; \$0 crops (2013 dollars)	0, 0	LEMMON VLY		B1-c worst recorded: Lightning
2006-12-21	Ice Storm		\$25,000 property; \$0 crops, reported for the zone (2006 dollars)	0, 0	NWS zone NVZ004 (WESTERN NEVADA BASIN AND RANGE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2006-07-16	Heat		damage not reported	0, 0	NWS zone NVZ003 (GREATER RENO/CARSON CITY/ MINDEN AREA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2004-07-21	Hail	1.75 in	damage not reported	0, 0	SPARKS		B1-c worst recorded: Hail
2002-11-07	High Wind	61 kt (70 mph) estimated	\$250,000 property; crops not reported, reported for the zone (2002 dollars)	1, 6	NWS zone NVZ004 (WESTERN NEVADA BASIN AND RANGE), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2002-03-07	Winter Storm		\$150,000 property; crops not reported, reported for the zone (2002 dollars)	2, 0	NWS zone NVZ004 (PERSHING/CHURCHILL/X SE WASHOE/NC&NE LYON), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1999-02-06	High Wind	132 kt (152 mph), measurement type not recorded	\$0 property; crops not reported, reported for the zone (1999 dollars)	0, 0	NWS zone NVZ003 (S WASHOE T X SE & X SW/ STOREY/E CARSON CITY/C&E DOUGLAS/NW LYON), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1998-12-19	Winter Storm		\$150,000 property; crops not reported, reported for the zone (1998 dollars)	1, 10	NWS zone NVZ003 (GREATER RENO/CARSON CITY/ MINDEN AREA), zone-level: may include parts of neighboring counties		deaths or injuries recorded

The full list is in the **XLSX** file, sheet "B1-d Storm Events history" (1,469 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	0.133	events per year	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	4	1994 to 2023 (30 years)	see B1-f	
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	0.00000548	event-days per year	about 0.00000548 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	0.000101	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.
Drought	139	event-days per year	about 139 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	3,850	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0409	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 4.09%			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	0.0599	events per year	about 1 in 17 years	Possible	FEMA annualized frequency (modeled)	2.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.21	event-days per year	about 3.21 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	46.1	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 3.21 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 3 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.

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
Ice Storm	0.0149	event-days per year	about 0.0149 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.39	event-days per year	about 1.39 days per year	Likely	event-days in 23 of 30 years, 1996 to 2025 (76.7%)	39	1996 to 2023 (28 years)	see B1-f	
Landslide	7.29	events per year (modeled)	about 7.29 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	16.7	days per year with a strike	about 16.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0906	events per year	about 1 in 11 years	Possible	FEMA annualized frequency (modeled)	4	1986 to 2023 (38 years)	countywide	
Tornado	0.107	events per year	about 1 in 9 years	Likely	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	0.0023	annual probability	about 1 in 435 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00986	annual probability at a location	chance a given location in the county burns in a year: 0.986%	Likely	Storm Events records in 11 of 30 years, 1996 to 2025 (36.7%)	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	11.6	event-days per year	about 11.6 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	220	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
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	12	30	0.4
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	46	30	1.53
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	6	30	0.2
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	5	30	0.167
Tornado	EF0-1	1996 to 2025	8	30	0.267
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
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	18 of 137	76.2	80.5	83.7	Relatively Moderate 14, Relatively Low 4, Not Applicable 119	
Coastal Flooding	0 of 137				Not Applicable 137	
Cold Wave	1 of 137	15.4	15.4	15.4	Very Low 1, No Rating 136	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	8 of 137	78.1	80.9	96.1	Relatively Moderate 2, Relatively Low 5, Very Low 1, No Rating 129	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	137 of 137	12.0	88.0	100.0	Very High 13, Relatively High 49, Relatively Moderate 66, Relatively Low 7, Very Low 2	
Hail	137 of 137	1.1	33.5	68.1	Relatively Low 38, Very Low 99	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	137 of 137	1.5	5.3	12.0	Very Low 137	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 137				Not Applicable 137	
Ice Storm	137 of 137	0.1	40.5	61.3	Relatively Low 103, Very Low 34	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	137 of 137	0.2	37.9	99.8	Very High 1, Relatively High 12, Relatively Moderate 36, Relatively Low 59, Very Low 29	
Landslide	135 of 137	8.7	28.7	99.4	Relatively High 1, Relatively Low 12, Very Low 122, No Rating 2	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Lightning	137 of 137	0.3	45.6	69.0	Relatively Moderate 51, Relatively Low 80, Very Low 6	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	137 of 137	0.3	31.3	50.8	Relatively Low 121, Very Low 16	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	137 of 137	0.3	2.6	21.3	Very Low 137	
Tsunami	0 of 137				Not Applicable 137	
Volcanic Activity	137 of 137	40.3	58.2	86.1	Very Low 137	
Wildfire	99 of 137	21.0	91.2	99.9	Very High 7, Relatively High 17, Relatively Moderate 35, Relatively Low 22, Very Low 18, No Rating 38	
Winter Weather	137 of 137	13.5	87.8	97.9	Very High 4, Relatively High 113, Relatively Moderate 16, Relatively Low 2, Very Low 2	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
Washoe County	County	Approved, expires 2030-09-23	FMA RL 2, SRL 2; any 20	\$12,706,829.21	0; 0	Includes \$8,162,965.27 for declarations not counted as hazard incidents (DR-4523-NV, EM-3243-NV).
Reno city	City	Approved, expires 2030-09-23	FMA RL 1, SRL 1; any 12	\$4,528,416.99	21; 0	Includes \$206,676.75 for declarations not counted as hazard incidents (DR-4523-NV).
Sparks city	City	Approved, expires 2030-09-23	FMA RL 0, SRL 1; any 28	\$1,162,384.84	31; 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 2025-09-24 <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	\$3,116,787		10	\$30		\$1,019,737	0.000957%		\$0		
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$6,644,995	\$0	0	under \$1	\$0	\$0	under 0.0001%				
Drought		\$6,955,551			\$169,449		2.44% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$170,832,196,095		486,492	\$102,367,141		\$57,343,365	0.0599%				
Hail	\$98,908,039,455	\$25,673,700	486,264	\$280,626	\$245	\$131,861	0.000284%	\$0			
Heat Wave	\$98,907,821,868	\$25,673,700	486,264	\$1,173	\$2,423	\$606,569	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$98,908,039,455		486,264	\$3,002		\$487,469	under 0.0001%				
Inland Flooding	\$98,866,356,871	\$4,445,133	8,453	\$78,980,359	\$351	\$1,045,767	n/a (see note)	\$5,000,000			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	\$2,786,365,572		11,012	\$59,678		\$4,891	0.00214%				
Lightning	\$98,908,039,455		486,264	\$59,127		\$1,369,295	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 2025-09-24 <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
Strong Wind	\$98,908,039,455	\$25,673,700	486,264	\$106,650	\$29	\$1,026,376	0.000108%	\$0	\$100,000		Storm Events damage since the plan includes 1 zone-level High Wind record (\$100,000), an event type the NRI definition of this hazard leaves out.
Tornado	\$98,908,039,455	\$25,673,700	486,264	\$139,579	\$168	\$6,269	0.000141%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$98,908,039,455		486,264	\$1		\$343	under 0.0001%				
Wildfire	\$10,357,156,128	\$17,364,633	69,843	\$25,153,178	\$517	\$1,361,162	0.243%			none found (5 declarations)	
Winter Weather	\$98,907,821,868	\$25,673,700	486,264	\$103,565	under \$1	\$1,973,454	0.000105%		\$0		

Totals since 2025-09-24 (Storm Events through 2026-06-30): 6 county-coded records, 6 with a damage value recorded (including \$0), \$5,000,000; 33 zone-level records, 31 with a damage value recorded (including \$0), \$100,000 reported for the zone; Public Assistance on counted declarations none found (5 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	486,264
Building value (total, not at risk)	\$98,908,039,455

Measure	Value
Agriculture value (total, not at risk)	\$25,673,700
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$207,427,292
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)	\$66,376,559
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)	3	Severe repetitive loss, FMA definition (44 CFR 77.2)	4
Repetitive loss, NFIP insurance definition	58	Severe repetitive loss, NFIP insurance definition	3

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	3	4	58	3	60	0	27
WASHOE COUNTY*	2	2	20	2	20	0	11
RENO, CITY OF	1	1	11	1	12	0	3
SPARKS, CITY OF	0	1	27	0	28	0	13
State level, not in this county: county not reported	0	0	1	0	1	0	0

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 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
Washoe County	320019	2	2	20	2	20	0	11	
Reno city	320020	1	1	11	1	12	0	3	
Sparks city	320021	0	1	27	0	28	0	13	

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.

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)

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	3	2	22	2	23	0	11
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	1	0	1	0	1
non-residential	0	2	35	1	36	0	15
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 1 property is FMA repetitive loss but not NFIP repetitive loss, and 56 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)
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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_Gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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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_NV_32031. Preview: automated baseline.