

Salt Lake County, UT

Risk-assessment baseline packet

Unit **County area 49035** 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.

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Plan clock

Status	Approved, expires 2030-12-29	Plan	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)
Approved	2025-12-30	Expires	2030-12-29
As of	2026-09-28	Days	1,553 days to expiry

What changed since your last plan (approved 2025-12-30)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	28 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 6	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: 32 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
Salt Lake County	County	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
Alta town	Town	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
Bluffdale city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-09-17
Brighton town	Town	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-09-24
Copperton metro township	Township	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-09-21
Cottonwood Heights city	City	Plan 110711 approved 2025-12-30, pending adoption here; not yet eligible	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711), pending adoption here	2025-12-30 by FEMA; not yet adopted here	2030-12-29 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Draper city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
Emigration Canyon metro township	Township	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-05-08
Herriman city	City	Plan 110711 approved 2025-12-30, pending adoption here; not yet eligible	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711), pending adoption here	2025-12-30 by FEMA; not yet adopted here	2030-12-29 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Holladay city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-05-08
Kearns metro township	Township	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29
Magna metro township	Township	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Midvale city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29
Millcreek city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
Murray city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-06-18
Riverton city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29
Salt Lake City city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-08-26
Sandy city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
South Jordan city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-09-21
South Salt Lake city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
Taylorsville city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
West Jordan city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		
West Valley City city	City	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29
White City metro township	Township	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29
Canyons School District	School/School District	Plan 110711 approved 2025-12-30, pending adoption here; not yet eligible	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711), pending adoption here	2025-12-30 by FEMA; not yet adopted here	2030-12-29 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Granite School District	School/School District	Approved, expires 2030-05-01	Granite School District, UT Hazard Mitigation Plan 2025 (FEMA plan 110549)	2025-05-02	2030-05-01	1,311		
Jordan School District	School/School District	Approved, expires 2030-12-29	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711)	2025-12-30	2030-12-29	1,553		member approved 2026-04-29
Name not given in FEMA data (ID 200826)	School/School District	Expired on 2019-12-19	Murray School District (FEMA plan 100772)	2014-12-19	2019-12-19	-2,475		
Granger-Hunter Improvement District	Water/Sewer Authority	Approved, expires 2030-04-15	Granger-Hunter Improvement District, UT Hazard Mitigation Plan 2025 (FEMA plan 110269)	2025-04-16	2030-04-15	1,295		
Jordan Valley Water Conservation District	Conservation District	Approved, expires 2026-11-16	Jordan Valley Water Conservation District, UT Hazard Mitigation Plan 2021 (FEMA plan 107762)	2021-11-17	2026-11-16	49		
Metropolitan Water District of Salt Lake and Sandy	Water/Sewer Authority	Approved, expires 2028-10-19	Metropolitan Water District of Salt Lake and Sandy, UT Hazard Mitigation Plan 2023 (FEMA plan 109118)	2023-10-20	2028-10-19	752		

Days to expiry <i>negative = days since expiry</i>								
Jurisdiction	Type	Status	Plan	Approved	Expires	Update underway	Notes	
Salt Lake City Community College	College/ University	Plan 110711 approved 2025-12-30, pending adoption here; not yet eligible	Salt Lake County, UT Hazard Mitigation Plan 2025 (FEMA plan 110711), pending adoption here	2025-12-30 by FEMA; not yet adopted here	2030-12-29 once adopted	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.	

FEMA plan data lists 1 school district row with no name (FEMA IDs only) and 3 named school districts. They may be the same districts filed under two ID schemes on different plans; check before reading a named district's 'No approved plan on record' as never covered.

SOURCE

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

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 <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
1	Earthquake	Relatively High	Very High	\$205,577,112		\$281,991,361	\$487,568,473			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
2	Inland Flooding	Relatively Moderate	Relatively High	\$79,236,169	\$53	\$102,522	\$79,338,744	45		
3	Wildfire	Relatively High	Relatively High	\$23,879,130	\$305	\$1,303,099	\$25,182,533	16		
4	Avalanche	Very High	Very High	\$8,748		\$11,693,603	\$11,702,352	64		
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$1,178	\$2,330	\$6,251,111	\$6,254,619	2		
6	Tornado	Relatively Moderate	Relatively Moderate	\$1,187,124	\$180	\$2,626,832	\$3,814,137	5		
7	Lightning	Relatively High	Relatively High	\$83,147		\$2,446,429	\$2,529,575	11		

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
8	Winter Weather	Very High	Very High	\$62,107	\$120	\$2,268,918	\$2,331,145	515		
9	Strong Wind	Relatively Moderate	Relatively Moderate	\$463,735	\$8,225	\$890,113	\$1,362,073	515		Includes 271 High Wind records and 11 Strong Wind records, event types the NRI definition of this hazard leaves out.
10	Hail	Relatively Low	Relatively Moderate	\$745,415	\$437	\$8,449	\$754,300	67		
11	Cold Wave	Relatively Low	Relatively Low	\$4,743	\$812	\$690,836	\$696,391	3		
12	Drought	Relatively Low	Relatively Low		\$143,709		\$143,709	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Relatively Low	Relatively Low	\$4,054		\$48,929	\$52,983	2		
14	Ice Storm	Very Low	Very Low	\$8,641		\$3,366	\$12,007	3		
15	Volcanic Activity	Very Low	Very Low	\$1		\$280	\$281	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.
16	Coastal Flooding	No Rating	No Expected Annual Losses	\$0		\$0	\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Hurricane	Not Applicable	Not Applicable					0	NRI rates hurricane Not Applicable for this county, and no counted federal declaration for this county names it (EM-3223-UT 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.	16 of 251
Coastal 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.	0 of 251
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	63 of 251
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.	251 of 251
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251
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 251
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251
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.	251 of 251
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.	244 of 251
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251
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.	251 of 251
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 251
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.	251 of 251
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.	188 of 251
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	251 of 251

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)	64, 1998 to 2026 (64 zone-level)		Avalanche, 2023-04-10, \$100,000 property; \$0 crops, reported for the zone (2023 dollars); NWS zone UTZ111 (WASATCH MOUNTAINS SOUTH OF I-80), zone-level: may include parts of neighboring counties		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	3, 1998 to 2005 (3 zone-level)	1 day to 4 days (median 1 day); 3 with a recorded value	4 consecutive days, 1998-12-21 to 1998-12-24, 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)	121, 1958 to 2026	0.75 in to 1.75 in (median 1 in); 121 with a recorded value	1.75 in hail, 2026-06-25; same size also recorded on 1970-05-23, 1983-09-03, 1991-08-04, 2006-07-04, 2016-06-13, 2026-06-25	Hail, 1994-10-05, \$5,000,000 property; crops not recorded (1994 dollars)	Event records naming member places: Herriman city (8 records), Salt Lake City city (8 records), Riverton city (7 records), Midvale city (5 records), South Jordan city (5 records), Holladay city (4 records), Murray city (4 records), Taylorsville city (4 records), Sandy city (3 records), West Jordan city (3 records); and 3 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	2, 2021 to 2021 (2 zone-level)	2 days to 3 days (median 2.5 days); 2 with a recorded value	3 consecutive days, 2021-06-03 to 2021-06-05, 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
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 2019 (3 zone-level)		No damage reported in 3 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	45, 1996 to 2025 (2 zone-level)		Flash Flood, 2023-08-03, \$16,000,000 property; \$0 crops (2023 dollars)		Event records naming member places: Alta town (3 records), Draper city (3 records), Salt Lake City city (3 records), Taylorsville city (3 records), Bluffdale city (2 records), Cottonwood Heights city (2 records), Brighton town (1 record), Herriman city (1 record), Midvale city (1 record), Riverton city (1 record). Zone-level records (2) 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)	2, 2019 to 2023		Debris Flow, 2023-04-13, \$50,000 property; \$0 crops (2023 dollars), 1 direct injury		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)	11, 1997 to 2013		Lightning, 2002-07-25, \$0 property; \$0 crops (2002 dollars), 2 direct deaths	Lightning, 1997-08-13, \$300,000 property; crops not reported (1997 dollars)	Event records naming member places: Midvale city (3 records), Holladay city (2 records), Draper city (1 record), Salt Lake City 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)	282, 1996 to 2026 (282 zone-level)	35 kt (40 mph) to 129 kt (148 mph) (median 61 kt (70 mph)); 276 with a recorded value	129 kt (148 mph) measured gust, High Wind, 2022-12-27; NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), zone-level: may include parts of neighboring counties	High Wind, 2020-09-08, \$4,300,000 property; \$0 crops, reported for the zone (2020 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	318, 1956 to 2026	35 kt (40 mph) to 83 kt (96 mph) (median 53 kt (61 mph)); 299 with a recorded value	83 kt (96 mph) estimated gust, Thunderstorm Wind, 2024-07-13	Thunderstorm Wind, 2006-08-01, \$2,000,000 property; crops not reported (2006 dollars)	Event records naming member places: Salt Lake City city (19 records), Cottonwood Heights city (7 records), Herriman city (6 records), Taylorsville city (5 records), South Jordan city (4 records), West Jordan city (4 records), Holladay city (3 records), Midvale city (3 records), Alta town (2 records), Murray city (2 records); and 2 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	14, 1965 to 2001	F/EF0 to F/EF2 (median F/EF0); 13 with a recorded value	F2 tornado, 1999-08-11, 4.3 mi within this county, 150 yd wide, \$170,000,000 property; \$500,000 crops (1999 dollars), 1 direct death, 80 direct injuries		Event records naming member places: Salt Lake City city (2 records), Holladay 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)	16, 2010 to 2026 (16 zone-level)		Wildfire, 2012-07-01, \$9,000,000 property; \$0 crops, reported for the zone (2012 dollars); NWS zone UTZ008 (WASATCH MOUNTAINS SOUTH OF I-80), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: 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
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	515, 1996 to 2026 (515 zone-level)		Blizzard, 1997-01-11, \$40,000,000 property; crops not reported, reported for the zone (1997 dollars), 50 direct injuries (reported for the zone); NWS zone UTZ003 (SALT LAKE AND TOOLE VALLEYS), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

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 rows12Counted incidents9

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
2021-08-14	2021-08-14	FM-5408-UT	Fire management	PARLEYS CANYON FIRE	Wildfire	none found		
2021-01-12	2020-09-07	DR-4578-UT	Major disaster	STRAIGHT-LINE WINDS	Strong Wind	\$5,678,044.63		
2020-07-09	2020-03-18	DR-4548-UT	Major disaster	EARTHQUAKE AND AFTERSHOCKS	Earthquake	\$25,271,007.37		
2020-04-04	2020-01-20	DR-4525-UT	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$438,985,044.98		
2020-03-13	2020-01-20	EM-3478-UT	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4525
2012-06-29	2012-06-29	FM-2991-UT	Fire management	ROSE CREST FIRE	Wildfire	none found		
2011-08-08	2011-04-18	DR-4011-UT	Major disaster	FLOODING	Inland Flooding	\$1,367,180.76		
2010-09-19	2010-09-19	FM-2859-UT	Fire management	MACHINE GUN FIRE	Wildfire	none found		
2005-09-05	2005-08-29	EM-3223-UT	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	\$249,917.79		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		
						<i>federal share obligated, nominal dollars</i>	Flags	Notes
1999-08-16	1999-08-11	DR-1285-UT	Major disaster	TORNADO, SEVERE THUNDERSTORMS, AND HAIL	Tornado (primary); also designated: Hail	\$389,528.65		
1984-08-17	1984-08-17	DR-720-UT	Major disaster	SEVERE STORMS, MUDSLIDES, LANDSLIDES & FLOODING	Inland Flooding (primary); also designated: Landslide	none found		
1983-04-30	1983-04-13	DR-680-UT	Major disaster	SEVERE STORMS, LANDSLIDES & FLOODING	Inland Flooding (primary); also designated: Landslide	none found		

School districts and special districts in this county: \$19,794,035.79 (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)

Public Assistance filed under this county for declarations that do not list it: 4 rows, \$234,889.25

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4311-UT	2017-04-21	SEVERE WINTER STORMS AND FLOODING	Utah Department of Transportation	\$23,378.95
DR-4053-UT	2012-02-01	SEVERE STORM	Utah Transit Authority	\$91,730.14
DR-4053-UT	2012-02-01	SEVERE STORM	Utah Department of Transportation	\$111,405.74
DR-1598-UT	2005-08-01	FLOODING AND LANDSLIDES	Utah Department of Transportation	\$8,374.42

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

SOURCES

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

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 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	64	4	5	23	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	3	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

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
Earthquake	0	0	0	0	1	0		No Storm Events record; local data required (e.g., USGS).
Hail	121	5	0	13	1	0	1955 to 2026-06-30	
Heat Wave	2	0	0	0	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	45	0	1	10	3	0	1996 to 2026-06-30	
Landslide	2	0	0	1	2	0	1996 to 2026-06-30	
Lightning	11	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	600	15	22	156	1	0	1955 to 2026-06-30	Includes 271 High Wind records and 11 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	14	0	0	0	1	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	16	1	0	1	3	0	1996 to 2026-06-30	
Winter Weather	515	3	7	61	0	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
2024-07-13	Thunderstorm Wind	83 kt (96 mph) estimated gust	\$50,000 property; \$0 crops (2024 dollars)	0, 0	SALT LAKE CITY	within last 5 years	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
2023-08-03	Flash Flood		\$16,000,000 property; \$0 crops (2023 dollars)	0, 0	NASH	within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2023-04-10	Avalanche		\$100,000 property; \$0 crops, reported for the zone (2023 dollars)	0, 0	NWS zone UTZ111 (WASATCH MOUNTAINS SOUTH OF I-80), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Avalanche
2022-12-27	High Wind	129 kt (148 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2022 dollars)	0, 0	NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2021-06-03	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone UTZ105 (SALT LAKE VALLEY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2021-02-06	Avalanche		\$0 property; \$0 crops, reported for the zone (2021 dollars)	4, 1	NWS zone UTZ008 (WASATCH MOUNTAINS SOUTH OF I-80), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2012-07-01	Wildfire		\$9,000,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone UTZ008 (WASATCH MOUNTAINS SOUTH OF I-80), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire
2003-12-26	Avalanche		\$0 property; \$0 crops, reported for the zone (2003 dollars)	3, 0	NWS zone UTZ008 (W SUMMIT T NW/SE SALT LAKE/ WASATCH X SC/E UTAH/P X E JUAB/X NW SAN PETE), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2002-07-25	Lightning		\$0 property; \$0 crops (2002 dollars)	2, 0	COUNTYWIDE		B1-c worst recorded: Lightning
2002-03-07	Winter Storm		\$140,000 property; \$0 crops, reported for the zone (2002 dollars)	2, 35	NWS zone UTZ003 (W SALT LAKE T X W/E TOOLE T X E), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1999-08-11	Tornado	F2, 4.3 mi within this county, 150 yd wide	\$170,000,000 property; \$500,000 crops (1999 dollars)	1, 80	SALT LAKE CITY		B1-c worst recorded: Tornado
1997-01-11	Blizzard		\$40,000,000 property; crops not reported, reported for the zone (1997 dollars)	0, 50	NWS zone UTZ003 (SALT LAKE AND TOOLE VALLEYS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,396 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)

2 Fire Management declarations (1994-08-06 to 1994-08-06) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

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	1.53	events per year	about 1.53 per year	Highly likely	FEMA annualized frequency (modeled)	46	1994 to 2023 (30 years)	see B1-f	
Coastal Flooding	0	events per year at a location (modeled)	none modeled		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Cold Wave	0.0565	event-days per year	about 0.0565 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	1.07	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	48.8	event-days per year	about 48.8 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	1,680	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0151	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 1.51%			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	0.272	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	10.5 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.16	event-days per year	about 2.16 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	27.6	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.16 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 1 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)	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	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Inland Flooding	1.14	event-days per year	about 1.14 days per year	Likely	event-days in 19 of 30 years, 1996 to 2025 (63.3%)	32	1996 to 2023 (28 years)	see B1-f	
Landslide	0.872	events per year (modeled)	about 0.87 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	39.4	days per year with a strike	about 39.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.29	events per year	about 1.29 per year	Highly likely	FEMA annualized frequency (modeled)	50	1986 to 2023 (38 years)	countywide	
Tornado	0.0509	events per year	about 1 in 20 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		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	0.0001	annual probability	about 1 in 10,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00653	annual probability at a location	chance a given location in the county burns in a year: 0.653%	Likely	Storm Events records in 6 of 30 years, 1996 to 2025 (20%)	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	28.2	event-days per year	about 28.2 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	523	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	32	30	1.07
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	198	30	6.6
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	18	30	0.6
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	5	30	0.167
Tornado	EF0-1	1996 to 2025	4	30	0.133
Tornado	EF2-3	1996 to 2025	1	30	0.0333
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

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	16 of 251	97.8	98.0	99.6	Very High 16, Not Applicable 235	
Coastal Flooding	0 of 251				No Rating 251	
Cold Wave	251 of 251	15.7	18.1	21.2	Relatively Low 42, Very Low 209	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	63 of 251	68.0	74.6	91.4	Relatively Low 17, Very Low 46, No Rating 188	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	251 of 251	70.2	92.8	99.9	Very High 57, Relatively High 106, Relatively Moderate 77, Relatively Low 11	
Hail	251 of 251	14.3	29.8	71.8	Relatively Moderate 1, Relatively Low 46, Very Low 204	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	251 of 251	1.8	28.5	60.2	Relatively Moderate 2, Relatively Low 218, Very Low 31	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 251				Not Applicable 251	
Ice Storm	251 of 251	0.2	0.9	3.2	Very Low 251	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	251 of 251	0.7	10.9	84.8	Relatively High 3, Relatively Moderate 12, Relatively Low 82, Very Low 154	
Landslide	244 of 251	8.7	21.7	98.9	Relatively Moderate 2, Relatively Low 11, Very Low 231, No Rating 7	
Lightning	251 of 251	0.7	39.5	68.9	Relatively Moderate 50, Relatively Low 195, 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	251 of 251	10.1	20.5	54.6	Relatively Moderate 1, Relatively Low 136, Very Low 114	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	251 of 251	5.3	24.9	45.1	Relatively Low 49, Very Low 202	
Tsunami	0 of 251				Not Applicable 251	
Volcanic Activity	251 of 251	40.5	57.8	76.5	Very Low 251	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Wildfire	188 of 251	18.5	47.8	99.6	Very High 5, Relatively High 15, Relatively Moderate 22, Relatively Low 30, Very Low 116, No Rating 63	
Winter Weather	251 of 251	17.1	74.9	93.2	Relatively High 90, Relatively Moderate 158, Relatively Low 2, Very 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.

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
Salt Lake County	County	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 3	\$51,462,864.77	0; 0	Includes \$50,320,372.86 for declarations not counted as hazard incidents (DR-4525-UT).
Alta town	Town	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	5; 1	
Bluffdale city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	2; 0	
Brighton town	Town	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	1; 0	
Copperton metro township	Township	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	0; 0	
Cottonwood Heights city	City	Plan 110711 approved 2025-12-30, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	11; no approved plan	
Draper city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$33,461.77	6; 0	
Emigration Canyon metro township	Township	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	0; 0	
Herriman city	City	Plan 110711 approved 2025-12-30, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	15; no approved plan	
Holladay city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 1	\$144,136.74	10; 3	

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
Kearns metro township	Township	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	0; 0	
Magna metro township	Township	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	0; 0	
Midvale city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	12; 0	
Millcreek city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$190,177.54	1; 0	
Murray city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$27,549.13	6; 0	
Riverton city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	9; 0	
Salt Lake City city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 1	\$4,974,392.30	33; 2	Includes \$189,791.46 for declarations not counted as hazard incidents (DR-4525-UT).
Sandy city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$24,776.29	3; 0	
South Jordan city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	9; 0	
South Salt Lake city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$94,023.15	0; 0	
Taylorsville city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$7,601.40	12; 2	
West Jordan city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 1	\$208,883.63	7; 1	
West Valley City city	City	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	\$841,443.25	0; 0	Includes \$367,501.63 for declarations not counted as hazard incidents (DR-4525-UT).
White City metro township	Township	Approved, expires 2030-12-29	FMA RL 0, SRL 0; any 0	none found	0; 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 2025-12-30 <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	\$79,493,529		10	\$8,748		\$11,693,603	0.011%		\$0		
Coastal Flooding	\$0		0	\$0		\$0					building exposure is 0 in NRI
Cold Wave	\$192,182,385,918	\$25,622,014	1,182,917	\$4,743	\$812	\$690,836	under 0.0001%				
Drought		\$20,233,296			\$143,709		0.71% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$340,253,206,284		1,185,238	\$205,577,112		\$281,991,361	0.0604%				
Hail	\$193,317,344,470	\$25,623,785	1,185,141	\$745,415	\$437	\$8,449	0.000386%	\$0			
Heat Wave	\$192,065,659,458	\$25,602,349	1,182,527	\$1,178	\$2,330	\$6,251,111	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$193,317,344,470		1,185,141	\$8,641		\$3,366	under 0.0001%				
Inland Flooding	\$193,271,480,285	\$642,589	9,320	\$79,236,169	\$53	\$102,522	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$3,107,780,567		12,179	\$4,054		\$48,929	0.00013%				
Lightning	\$193,317,344,470		1,185,141	\$83,147		\$2,446,429	under 0.0001%				
Strong Wind	\$193,317,344,470	\$25,623,785	1,185,141	\$463,735	\$8,225	\$890,113	0.00024%	\$8,500	\$0		
Tornado	\$193,317,344,470	\$25,623,785	1,185,141	\$1,187,124	\$180	\$2,626,832	0.000614%				

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 2025-12-30 <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
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$193,317,344,470		1,185,141	\$1		\$280	under 0.0001 %				
Wildfire	\$13,961,566,541	\$14,399,566	88,215	\$23,879,130	\$305	\$1,303,099	0.171 %				
Winter Weather	\$193,317,344,470	\$25,623,785	1,185,141	\$62,107	\$120	\$2,268,918	under 0.0001 %		\$800,000		

Totals since 2025-12-30 (Storm Events through 2026-06-30): 17 county-coded records, 17 with a damage value recorded (including \$0), \$8,500; 11 zone-level records, 10 with a damage value recorded (including \$0), \$800,000 reported for the zone; Public Assistance on counted declarations none found (0 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 HazardMitigationPlanStatutes v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatutes> (API)

Supports B2-a: context

County context

Measure	Value
Population	1,185,141
Building value (total, not at risk)	\$193,317,344,470
Agriculture value (total, not at risk)	\$25,623,785
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$311,417,474
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)	\$310,325,848
Social vulnerability rating	Very Low
Community resilience rating	Relatively High
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	6	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 total and NFIP communities

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	6	0	6	0	1
SALT LAKE COUNTY *	0	0	3	0	3	0	1
SALT LAKE CITY, CITY OF	0	0	1	0	1	0	0
WEST JORDAN, CITY OF	0	0	1	0	1	0	0
HOLLADAY, CITY OF	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
Salt Lake County	490102	0	0	3	0	3	0	1	
Alta town	490251	0	0	0	0	0	0	0	
Bluffdale city	490247	0	0	0	0	0	0	0	
Brighton town	490237	0	0	0	0	0	0	0	
Copperton metro township	490267	0	0	0	0	0	0	0	
Cottonwood Heights city	490028	0	0	0	0	0	0	0	
Draper city	490244	0	0	0	0	0	0	0	
Emigration Canyon metro township	490268	0	0	0	0	0	0	0	
Herriman city	490252	0	0	0	0	0	0	0	

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
Holladay city	490253	0	0	1	0	1	0	0	
Kearns metro township	490265	0	0	0	0	0	0	0	
Magna metro township	490266	0	0	0	0	0	0	0	
Midvale city	490211	0	0	0	0	0	0	0	
Millcreek city	490231	0	0	0	0	0	0	0	
Murray city	490103	0	0	0	0	0	0	0	
Riverton city	490104	0	0	0	0	0	0	0	
Salt Lake City city	490105	0	0	1	0	1	0	0	
Sandy city	490106	0	0	0	0	0	0	0	
South Jordan city	490107	0	0	0	0	0	0	0	
South Salt Lake city	490219	0	0	0	0	0	0	0	
Taylorsville city	490248	0	0	0	0	0	0	0	
West Jordan city	490108	0	0	1	0	1	0	0	
West Valley City city	490245	0	0	0	0	0	0	0	
White City metro township	490269	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.

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	0	0	4	0	4	0	1
2 to 4 unit residential	0	0	1	0	1	0	0
other residential	0	0	1	0	1	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 6 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). Salt Lake County, UT: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 49035). 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_UT_49035. Preview: automated baseline.