

Davis County, UT

Risk-assessment baseline packet

Unit **County area 49011** 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 2027-01-03	Plan	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)
Approved	2022-01-04	Expires	2027-01-03
As of	2026-09-28	Days	97 days to expiry
Update underway	none in FEMA's plan tracker		

What changed since your last plan (approved 2022-01-04)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	95 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 2	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: 16 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
Davis County	County	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Bountiful city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Centerville city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Clearfield city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Clinton city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Farmington city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Fruit Heights city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Kaysville city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Layton city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
North Salt Lake city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
South Weber city	City	Approved, expires 2028-04-16	South Weber City, UT Hazard Mitigation Plan 2023 (FEMA plan 108865)	2023-04-17	2028-04-16	566		Also approved under plan 107829 (Davis County, UT Hazard Mitigation Plan 2022, expires 2027-01-03). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Sunset city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Syracuse city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
West Bountiful city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
West Point city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		
Woods Cross city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	97		

SOURCEFEMA, 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 <i>(see note) 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 Moderate	Relatively High	\$43,420,334		\$45,925,237	\$89,345,572			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
2	Inland Flooding	Relatively Low	Relatively Moderate	\$16,266,060	\$438	\$24,782	\$16,291,280	16		
3	Lightning	Very High	Very High	\$14,119		\$4,645,573	\$4,659,692	4		
4	Heat Wave	Relatively Moderate	Relatively Moderate	\$607	\$2,580	\$4,112,672	\$4,115,860	2		
5	Strong Wind	Relatively High	Relatively High	\$1,439,315	\$10,850	\$1,734,971	\$3,185,135	200		Includes 113 High Wind records and 5 Strong Wind records, event types the NRI definition of this hazard leaves out.

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
6	Avalanche	Relatively High	Relatively High	\$87		\$3,139,583	\$3,139,670	17		
7	Wildfire	Relatively Moderate	Relatively Moderate	\$2,534,671	\$59	\$207,190	\$2,741,920	3		
8	Cold Wave	Relatively Low	Relatively Moderate	\$3,675	\$2,895	\$1,835,069	\$1,841,638	3		
9	Tornado	Relatively Low	Relatively Low	\$336,473	\$108	\$868,588	\$1,205,169	5		
10	Winter Weather	Relatively High	Relatively High	\$76,496	\$131	\$559,432	\$636,058	413		
11	Landslide	Relatively Moderate	Relatively Moderate	\$119,457		\$97,857	\$217,314	3		
12	Drought	Relatively Low	Relatively Low		\$133,606		\$133,606	0		Declared 1 time; no Storm Events record of this type.
13	Hail	Very Low	Very Low	\$17,433	\$459	\$95,425	\$113,317	22		
14	Ice Storm	Relatively Low	Relatively Low	\$48,486		\$24,741	\$73,227	2		
15	Volcanic Activity	Very Low	Very Low	under \$1		\$17	\$17	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.	8 of 66
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 66
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	48 of 66
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.	66 of 66
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
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 66
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
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.	66 of 66
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.	58 of 66
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
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.	66 of 66
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 66
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.	16 of 66
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.	65 of 66
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66

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)	17, 1999 to 2025 (17 zone-level)		Avalanche, 2023-03-28, \$20,000 property; \$0 crops, reported for the zone (2023 dollars), 2 direct injuries (reported for the zone); NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), 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 2013 (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	Cold/Wind Chill, 2013-12-09, \$40,000 property; \$0 crops, reported for the zone (2013 dollars)	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)	29, 1963 to 2024	0.75 in to 1.75 in (median 1 in); 29 with a recorded value	1.75 in hail, 2018-08-22; same size also recorded on 2006-08-25, 2016-09-22	Hail, 2024-08-13, \$15,000 property; \$0 crops (2024 dollars)	Event records naming member places: Bountiful city (5 records), Clearfield city (3 records), Centerville city (2 records), Farmington city (2 records), Kaysville city (1 record), South Weber city (1 record), Sunset city (1 record), Syracuse city (1 record), Woods Cross city (1 record).	
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)	2, 2005 to 2013 (2 zone- level)		No damage reported in 2 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)	16, 1997 to 2023 (3 zone- level)		Flood, 2023-04-12, \$1,000,000 property; \$0 crops (2023 dollars)		Event records naming member places: Bountiful city (2 records), Centerville city (2 records), Farmington city (2 records), Kaysville city (2 records), Clinton city (1 record), Syracuse city (1 record). 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)	3, 2004 to 2023 (2 zone- level)		Debris Flow, 2023-04-08, \$50,000 property; \$0 crops (2023 dollars), 2 direct injuries		Event records naming member places: Fruit Heights city (1 record). Zone-level records (2) apply countywide.	Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	4, 1997 to 2015		Lightning, 2000-07-10, \$100,000 property; \$0 crops (2000 dollars)		Event records naming member places: Bountiful city (1 record), Kaysville city (1 record), Layton 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)	118, 1996 to 2026 (118 zone-level)	35 kt (40 mph) to 129 kt (148 mph) (median 62 kt (71 mph)); 112 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, 2011-12-01, \$82,000,000 property; \$0 crops, reported for the zone (2011 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)	113, 1967 to 2026	43 kt (49 mph) to 79 kt (91 mph) (median 56 kt (64 mph)); 104 with a recorded value	79 kt (91 mph), measurement type not recorded, Thunderstorm Wind, 1976-04-25	Thunderstorm Wind, 1998-08-26, \$400,000 property; \$100,000 crops (1998 dollars)	Event records naming member places: Syracuse city (17 records), Farmington city (9 records), Kaysville city (8 records), West Bountiful city (6 records), Bountiful city (5 records), Clinton city (5 records), Centerville city (4 records), Clearfield city (4 records), Layton city (3 records), South Weber city (3 records); and 3 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	11, 1953 to 2021	F/EF0 to F/EF2 (median F/EF0); 10 with a recorded value	F2 tornado, 1963-06-03, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 7 yd wide, damage not recorded (pre-1996 record)	Tornado, 2021-09-02, \$0 property; \$750,000 crops (2021 dollars)	Event records naming member places: Bountiful city (1 record), Centerville city (1 record), Layton city (1 record), Syracuse city (1 record), Woods Cross 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)	3, 2016 to 2017 (3 zone- level)		Wildfire, 2017-09-05, \$849,000 property; \$0 crops, reported for the zone (2017 dollars); NWS zone UTZ002 (NORTHERN WASATCH FRONT), 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)	413, 1996 to 2026 (413 zone-level)		Winter Storm, 2026-02-16, \$500,000 property; \$0 crops, reported for the zone (2026 dollars); NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), 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 rows 11 Counted incidents 7

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
2021-01-12	2020-09-07	DR-4578-UT	Major disaster	STRAIGHT-LINE WINDS	Strong Wind	\$2,763,822.33	during plan review, check whether your last plan included it	
2020-07-09	2020-03-18	DR-4548-UT	Major disaster	EARTHQUAKE AND AFTERSHOCKS	Earthquake	PA not declared for this county		
2020-04-04	2020-01-20	DR-4525-UT	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	none found		
2020-03-13	2020-01-20	EM-3478-UT	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4525
2019-08-30	2019-08-30	FM-5292-UT	Fire management	GUN RANGE FIRE	Wildfire	none found		
2017-09-05	2017-09-05	FM-5206-UT	Fire management	UINTAH FIRE	Wildfire	none found		
2012-02-01	2011-11-30	DR-4053-UT	Major disaster	SEVERE STORM	Hazard not mapped (severe storm title names no single hazard); not counted	\$2,192,489.75		
2005-09-05	2005-08-29	EM-3223-UT	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
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		
1977-01-20	1977-01-20	EM-3024-UT	Emergency	DROUGHT	Drought	none found		

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: 1 row, \$752,950.83

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4011-UT	2011-08-08	FLOODING	WEBER BASIN WATER CONSERVANCY	\$752,950.83

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 <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	17	3	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
Cold Wave	3	0	0	0	0	0	1996 to 2026-06-30	
Drought	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Earthquake	0	0	0	0	1	0		No Storm Events record; local data required (e.g., USGS).
Hail	29	2	2	2	0	0	1955 to 2026-06-30	
Heat Wave	2	0	2	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

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
Ice Storm	2	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	16	3	2	3	2	0	1996 to 2026-06-30	
Landslide	3	1	0	1	2	0	1996 to 2026-06-30	
Lightning	4	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	231	41	16	41	1	0	1955 to 2026-06-30	Includes 113 High Wind records and 5 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	11	0	1	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	3	0	0	0	2	0	1996 to 2026-06-30	
Winter Weather	413	45	5	49	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
2023-04-12	Flood		\$1,000,000 property; \$0 crops (2023 dollars)	0, 0	EAST LAYTON	new since last plan; within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2023-03-28	Avalanche		\$20,000 property; \$0 crops, reported for the zone (2023 dollars)	0, 2	NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), zone-level: may include parts of neighboring counties	new since last plan; 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	new since last plan; 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 UTZ104 (NORTHERN WASATCH FRONT), zone-level: may include parts of neighboring counties	during plan review, check whether your last plan included it	B1-c worst recorded: Excessive Heat, Heat

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2017-09-05	Wildfire		\$849,000 property; \$0 crops, reported for the zone (2017 dollars)	0, 0	NWS zone UTZ002 (NORTHERN WASATCH FRONT), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire
2008-12-24	Avalanche		\$0 property; \$0 crops, reported for the zone (2008 dollars)	2, 0	NWS zone UTZ007 (WASATCH MOUNTAINS I-80 NORTH), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2007-12-23	Avalanche		\$0 property; \$0 crops, reported for the zone (2007 dollars)	1, 3	NWS zone UTZ007 (WASATCH MOUNTAINS I-80 NORTH), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2000-12-15	Winter Storm		\$20,000 property; \$0 crops, reported for the zone (2000 dollars)	1, 1	NWS zone UTZ002 (NE BOX ELDER T X NE/W WEBER/DAVIS), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2000-07-10	Lightning		\$100,000 property; \$0 crops (2000 dollars)	0, 0	LAYTON		B1-c worst recorded: Lightning
1998-12-21	Cold/Wind Chill		damage not reported	0, 0	NWS zone UTZ002 (NE BOX ELDER T X NE/W WEBER/DAVIS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1976-04-25	Thunderstorm Wind	79 kt (91 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1963-06-03	Tornado	F2, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 7 yd wide	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the **XLSX file, sheet "B1-d Storm Events history" (734 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	0.333	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	10	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	0.163	event-days per year	about 0.163 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	3.04	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	46	event-days per year	about 46 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	1,785	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	0.281	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	20.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.2	event-days per year	about 2.2 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	30	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.2 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	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	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	0.393	event-days per year	about 0.393 days per year	Likely	event-days in 9 of 30 years, 1996 to 2025 (30%)	11	1996 to 2023 (28 years)	see B1-f	
Landslide	0.404	events per year (modeled)	about 1 in 2 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	33.7	days per year with a strike	about 33.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.19	events per year	about 1.19 per year	Highly likely	FEMA annualized frequency (modeled)	48	1986 to 2023 (38 years)	countywide	
Tornado	0.0446	events per year	about 1 in 22 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	0.00258	annual probability at a location	chance a given location in the county burns in a year: 0.258%	Possible	Storm Events records in 2 of 30 years, 1996 to 2025 (6.67%)	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	25	event-days per year	about 25 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	396	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	13	30	0.433
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	65	30	2.17
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	8	30	0.267
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	3	30	0.1
Tornado	EF0-1	1996 to 2025	5	30	0.167
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

SOURCE

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	8 of 66	85.9	85.9	90.8	Relatively Moderate 8, Not Applicable 58	
Coastal Flooding	0 of 66				No Rating 66	
Cold Wave	66 of 66	17.0	29.7	50.9	Relatively Moderate 1, Relatively Low 63, 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.
Drought	48 of 66	69.0	76.8	89.9	Relatively Low 14, Very Low 34, No Rating 18	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	66 of 66	59.6	86.4	98.1	Very High 3, Relatively High 22, Relatively Moderate 34, Relatively Low 7	
Hail	66 of 66	10.5	22.6	36.1	Very Low 66	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	66 of 66	3.7	51.3	82.6	Relatively Moderate 21, Relatively Low 43, 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.
Hurricane	0 of 66				Not Applicable 66	
Ice Storm	66 of 66	2.5	7.8	24.5	Very Low 66	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	66 of 66	0.7	4.6	27.5	Relatively Low 7, Very Low 59	
Landslide	58 of 66	9.7	55.9	99.5	Relatively High 1, Relatively Moderate 5, Relatively Low 8, Very Low 44, No Rating 8	
Lightning	66 of 66	20.9	90.2	98.8	Very High 8, Relatively High 48, Relatively Moderate 8, Relatively 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.
Strong Wind	66 of 66	35.8	64.8	87.5	Relatively High 3, Relatively Moderate 54, Relatively Low 9	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	66 of 66	9.8	24.5	36.2	Relatively Low 11, Very Low 55	
Tsunami	0 of 66				Not Applicable 66	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Volcanic Activity	16 of 66	41.3	47.9	63.7	Very Low 16, No Rating 50	
Wildfire	65 of 66	19.1	71.7	97.5	Relatively High 1, Relatively Moderate 16, Relatively Low 18, Very Low 30, No Rating 1	
Winter Weather	66 of 66	41.5	70.9	90.9	Relatively High 12, Relatively Moderate 52, Relatively 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
Davis County	County	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$307,286.87	0; 0	Includes \$88,072.38 for declarations not counted as hazard incidents (DR-4053-UT).
Bountiful city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$2,278,202.99	14; 1	Includes \$982,313.30 for declarations not counted as hazard incidents (DR-4053-UT).
Centerville city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$357,619.64	9; 2	Includes \$135,028.90 for declarations not counted as hazard incidents (DR-4053-UT).
Clearfield city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	none found	7; 2	
Clinton city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	none found	6; 0	
Farmington city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 1	\$472,273.41	13; 3	Includes \$106,370.39 for declarations not counted as hazard incidents (DR-4053-UT).
Fruit Heights city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$116,686.67	3; 2	Includes \$37,150.32 for declarations not counted as hazard incidents (DR-4053-UT).
Kaysville city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$611,313.73	12; 6	Includes \$453,799.26 for declarations not counted as hazard incidents (DR-4053-UT).
Layton city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$159,010.76	5; 1	
North Salt Lake city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$170,113.63	1; 0	Includes \$6,413.24 for declarations not counted as hazard incidents (DR-4053-UT).

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
South Weber city	City	Approved, expires 2028-04-16	FMA RL 0, SRL 0; any 0	none found	4; 0	Also approved under plan 107829 (Davis County, UT Hazard Mitigation Plan 2022, expires 2027-01-03). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Sunset city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	none found	1; 1	
Syracuse city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	none found	20; 6	
West Bountiful city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$86,374.68	6; 2	Includes \$29,486.92 for declarations not counted as hazard incidents (DR-4053-UT).
West Point city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	none found	0; 0	
Woods Cross city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 1	\$43,574.66	5; 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 2022-01-04 <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	\$3,350,809		10	\$87		\$3,139,583	0.0026%		\$25,000		
Coastal Flooding	\$0		0	\$0		\$0					building exposure is 0 in NRI
Cold Wave	\$53,796,197,589	\$30,642,205	362,645	\$3,675	\$2,895	\$1,835,069	under 0.0001%				
Drought		\$22,327,109			\$133,606		0.598% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$93,258,829,201		362,679	\$43,420,334		\$45,925,237	0.0466%				
Hail	\$53,796,879,989	\$30,642,205	362,649	\$17,433	\$459	\$95,425	under 0.0001%	\$30,000			
Heat Wave	\$53,796,533,461	\$30,642,205	362,649	\$607	\$2,580	\$4,112,672	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$53,796,879,989		362,649	\$48,486		\$24,741	under 0.0001%				
Inland Flooding	\$53,789,857,194	\$1,512,629	1,103	\$16,266,060	\$438	\$24,782	n/a (see note)	\$1,100,000			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	\$849,218,829		5,480	\$119,457		\$97,857	0.0141%	\$50,000			
Lightning	\$53,796,879,989		362,649	\$14,119		\$4,645,573	under 0.0001%				
Strong Wind	\$53,796,879,989	\$30,642,205	362,649	\$1,439,315	\$10,850	\$1,734,971	0.00268%	\$157,000	\$2,000		Storm Events damage since the plan includes 2 zone-level High Wind records (\$2,000), an event type the NRI definition of this hazard leaves out.
Tornado	\$53,796,879,989	\$30,642,205	362,649	\$336,473	\$108	\$868,588	0.000625%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$53,796,879,989		362,649	under \$1		\$17	under 0.0001%				
Wildfire	\$3,933,948,462	\$9,779,106	37,662	\$2,534,671	\$59	\$207,190	0.0644%				
Winter Weather	\$53,796,879,989	\$30,642,205	362,649	\$76,496	\$131	\$559,432	0.000142%		\$1,079,000		

Totals since 2022-01-04 (Storm Events through 2026-06-30): 33 county-coded records, 33 with a damage value recorded (including \$0), \$1,337,000; 62 zone-level records, 62 with a damage value recorded (including \$0), \$1,106,000 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 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	362,649
Building value (total, not at risk)	\$53,796,879,989
Agriculture value (total, not at risk)	\$30,642,205
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$64,428,338
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)	\$63,271,136
Social vulnerability rating	Very Low
Community resilience rating	Very 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	2	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.

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties: 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	2	0	2	0	0
FARMINGTON, CITY OF	0	0	1	0	1	0	0
WOODS CROSS, CITY OF	0	0	1	0	1	0	0

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

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Davis County	490038	0	0	0	0	0	0	0	
Bountiful city	490039	0	0	0	0	0	0	0	
Centerville city	490040	0	0	0	0	0	0	0	
Clearfield city	490041	0	0	0	0	0	0	0	
Clinton city	490042	0	0	0	0	0	0	0	
Farmington city	490044	0	0	1	0	1	0	0	
Fruit Heights city	490045	0	0	0	0	0	0	0	
Kaysville city	490046	0	0	0	0	0	0	0	
Layton city	490047	0	0	0	0	0	0	0	
North Salt Lake city	490048	0	0	0	0	0	0	0	
South Weber city	490049	0	0	0	0	0	0	0	
Sunset city	490050	0	0	0	0	0	0	0	
Syracuse city	490051	0	0	0	0	0	0	0	
West Bountiful city	490052	0	0	0	0	0	0	0	
West Point city	490053	0	0	0	0	0	0	0	
Woods Cross city	490054	0	0	1	0	1	0	0	

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

Member rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each member row, while the county table counts only its part in this county.

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	0	0	1	0	1	0	0
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	1	0	1	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 2 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_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_UT_49011. Preview: automated baseline.