

Davis County, UT

Risk-assessment baseline packet

County FIPS: 49011 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2027-01-03. Plan: Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829), approved 2022-01-04. Since the plan was approved on 2022-01-04: no new hazard declaration and 95 NOAA Storm Events records; details under "What changed since your last plan". Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Earthquake (\$89,345,572 a year), Inland Flooding (\$16,291,280) and Lightning (\$4,659,692). The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.
NRI: FEMA's National Risk Index (version 1.20, December 2025).
NFIP: National Flood Insurance Program.
RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).
FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.
PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.
Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.
County-coded: NOAA logged the event to this county.
FIPS: the federal code for a place; 49011 is this area.
D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).
F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.
kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.
CFR: Code of Federal Regulations.
A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).
Dollars: nominal (as reported, labeled with the year), not adjusted for inflation.

CONTENTS

1. Summary and terms used, page 1
2. Plan clock, page 2
3. What changed since your last plan (approved 2022-01-04), page 2
4. B1-a: hazard identification, page 3
5. B1-b: hazard location, page 6
6. B1-c: hazard extent, page 6
7. B1-d: previous occurrences, page 9
8. B1-e: probability of future events, page 12
9. B1-f: hazards that vary across jurisdictions, page 14
10. B2-a and B2-b: vulnerability and potential impacts, page 17
11. B2-a: vulnerability (county context), page 19
12. B2-c: repetitive loss properties, page 19
13. Sources, what the plan adds, disclaimer and citation, page 21

Plan clock

Status:	Approved, expires 2027-01-03	Plan:	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)
Approved:	2022-01-04	Days to expiry:	95
Update underway:	none recorded in FEMA's plan tracker		

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

New federal declarations:	none	Storm Events records since approval:	95 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 2	Repeat-flood change:	this release sets the baseline count.
Sources: 1, 2, 4, 6 (numbered list at the end)			

Plan status for every jurisdiction listed in this county: 16 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Notes
						<i>negative = days since expiry</i>	
Davis County	County	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Bountiful city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Centerville city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Clearfield city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Clinton city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Farmington city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
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	95	
Kaysville city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Layton city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
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	95	
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	564	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	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
Syracuse city	City	Approved, expires 2027-01-03	Davis County, UT Hazard Mitigation Plan 2022 (FEMA plan 107829)	2022-01-04	2027-01-03	95	
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	95	
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	95	
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	95	

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- dam failure (incl. upstream dams)
- levee failure
- flash flood as its own subtype

- ice jams
- debris flows
- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	Cost of expected deaths and injuries FEMA's dollar value per year, not property damage	EAL total (see note) modeled dollars per year	Storm Events records, 1996 to 2026-06-30 count	Why this hazard can be left out <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	n/a	\$45,925,237	\$89,345,572			Storm Events does not record earthquakes.
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	n/a	\$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 and 5 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
6	Avalanche	Relatively High	Relatively High	\$87	n/a	\$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	n/a	\$97,857	\$217,314	3		
12	Drought	Relatively Low	Relatively Low	n/a	\$133,606	n/a	\$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	n/a	\$24,741	\$73,227	2		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year; not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
15	Volcanic Activity	Very Low	Very Low	under \$1	n/a	\$17	\$17	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
16	Coastal Flooding	No Rating	No Expected Annual Losses	\$0	n/a	\$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).

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

NRI risk rating combines expected annual loss with social vulnerability and community resilience; EAL rating rates expected annual loss alone. Both compare this county with all U.S. counties.

Local data needed: state and local volcanic activity records (Storm Events records this hazard only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: tsunami. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

Coastal Flooding and Inland Flooding: The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (<https://msc.fema.gov>) for this county.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 1263.03 (Relatively Moderate, 90.8); tract 1251.02 (Relatively Moderate, 90.0); tract 1264.02 (Relatively Moderate, 85.9)
Earthquake	tract 1266 (Very High, 98.1); tract 1257.01 (Very High, 98.1); tract 9800 (Very High, 97.9)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 1264.02 (Relatively High, 99.5); tract 1251.02 (Relatively Moderate, 98.6); tract 1262.04 (Relatively Moderate, 98.4)
Tornado	tract 1253.07 (Relatively Low, 36.2); tract 1263.06 (Relatively Low, 35.0); tract 1258.04 (Relatively Low, 32.9)
Volcanic Activity	tract 1264.04 (Very Low, 63.7); tract 1270.02 (Very Low, 61.1); tract 1269.02 (Very Low, 59.0)
Wildfire	tract 1264.02 (Relatively High, 97.5); tract 1251.02 (Relatively Moderate, 95.8); tract 1270.03 (Relatively Moderate, 95.5)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 1263.03 is Census Tract 1263.03). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Avalanche	none (count and damage only)	17 records, 1999 to 2025 (17 zone-level)		Avalanche, 2023-03-28, \$20,000 property; \$0 crops (2023 dollars), 2 direct injuries (reported for the zone); NWS zone UTZ110		Countywide (zone-level records).	
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	3 records, 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 (zone total, 2013 dollars)	Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	29 records, 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 jurisdictions in the plan: 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 (in event narratives)	2 records, 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		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	2 records, 2005 to 2013 (2 zone-level)		No damage reported in 2 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	16 records, 1997 to 2023 (3 zone-level)		Flood, 2023-04-12, \$1,000,000 property; \$0 crops (2023 dollars)		Event records naming jurisdictions in the plan: 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 is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	3 records, 2004 to 2023 (2 zone-level)		Debris Flow, 2023-04-08, \$50,000 property; \$0 crops (2023 dollars), 2 direct injuries		Event records naming jurisdictions in the plan: Fruit Heights city (1 record). Zone-level records (2) apply countywide.	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	4 records, 1997 to 2015		Lightning, 2000-07-10, \$100,000 property; \$0 crops (2000 dollars)		Event records naming jurisdictions in the plan: Bountiful city (1 record), Kaysville city (1 record), Layton city (1 record).	Storm Events lists lightning with damage or casualties.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	118 records, 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	High Wind, 2011-12-01, \$82,000,000 property; \$0 crops (zone total, 2011 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	113 records, 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 jurisdictions in the plan: 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 jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	11 records, 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 (whole path, pre-1996), 7 yd wide, damage not recorded (pre-1996 record)	Tornado, 2021-09-02, \$0 property; \$750,000 crops (2021 dollars)	Event records naming jurisdictions in the plan: Bountiful city (1 record), Centerville city (1 record), Layton city (1 record), Syracuse city (1 record), Woods Cross city (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	3 records, 2016 to 2017 (3 zone-level)		Wildfire, 2017-09-05, \$849,000 property; \$0 crops (2017 dollars); NWS zone UTZ002		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	413 records, 1996 to 2026 (413 zone-level)		Winter Storm, 2026-02-16, \$500,000 property; \$0 crops (2026 dollars); NWS zone UTZ110		Countywide (zone-level records).	

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of avalanche, debris flow, lightning and volcanic ash, volcanic ashfall.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records from zones that no NWS zone-county file places in this county (mostly before 2020) are not counted here (the Methods page explains the zone matching).

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 11 declarations covering 7 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2021-01-12	2020-09-07	DR-4578-UT	Major disaster	Straight-Line Winds	Strong Wind	\$2,763,822.33	in the 12 months before plan approval	
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	no Public Assistance recorded		
2020-03-13	2020-01-20	EM-3478-UT	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4525
2019-08-30	2019-08-30	FM-5292-UT	Fire management	Gun Range Fire	Wildfire	no Public Assistance recorded		
2017-09-05	2017-09-05	FM-5206-UT	Fire management	Uintah Fire	Wildfire	no Public Assistance recorded		
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	no Public Assistance recorded		
1984-08-17	1984-08-17	DR-720-UT	Major disaster	Severe Storms, Mudslides, Landslides & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		
1983-04-30	1983-04-13	DR-680-UT	Major disaster	Severe Storms, Landslides & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		
1977-01-20	1977-01-20	EM-3024-UT	Emergency	Drought	Drought	no Public Assistance recorded		

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$752,950.83

Sources: 2, 3

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.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	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		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
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
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 and 5 Strong Wind records.
Tornado	11	0	1	0	0	0	1950 to 2026-06-30	
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	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
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 (zone total, 2023 dollars)	0, 2	NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), zone-level	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 (zone total, 2022 dollars)	0, 0	NWS zone UTZ110 (WASATCH MOUNTAINS I-80 NORTH), zone-level	new since last plan; within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2021-06-03	Excessive Heat		\$0 property; \$0 crops (zone total, 2021 dollars)	0, 0	NWS zone UTZ104 (NORTHERN WASATCH FRONT), zone-level	in the 12 months before plan approval	B1-c worst recorded: Excessive Heat, Heat
2017-09-05	Wildfire		\$849,000 property; \$0 crops (zone total, 2017 dollars)	0, 0	NWS zone UTZ002 (NORTHERN WASATCH FRONT), zone-level		B1-c worst recorded: Wildfire
2008-12-24	Avalanche		\$0 property; \$0 crops (zone total, 2008 dollars)	2, 0	NWS zone UTZ007 (WASATCH MOUNTAINS I-80 NORTH), zone-level		deaths or injuries recorded
2007-12-23	Avalanche		\$0 property; \$0 crops (zone total, 2007 dollars)	1, 3	NWS zone UTZ007 (WASATCH MOUNTAINS I-80 NORTH), zone-level		deaths or injuries recorded
2000-12-15	Winter Storm		\$20,000 property; \$0 crops (zone total, 2000 dollars)	1, 1	NWS zone UTZ002 (NE BOX ELDER T X NE/W WEBER/DAVIS), zone-level		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		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 (whole path, pre-1996), 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 Excel file, sheet "B1-d Storm Events history" (734 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

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.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

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

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.333	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 descriptor: no Storm Events record 1996 to 2025
Cold Wave	0.163	event-days per year	about 0.163 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	3.04	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	46	event-days per year	about 46 days per year		Storm Events 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 Storm Events drought record, 1996 to 2025
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	No descriptor (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	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	30	2005-11-12 to 2024-11-12 (19 years)	countywide	
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	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.393	event-days per year	about 0.393 days per year	Likely	Storm Events event-days in 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	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Tornado	0.0446	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	
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	
Winter Weather	25	event-days per year	about 25 days per year	Highly likely	Storm Events 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) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	13	30	0.433
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	65	30	2.17
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	8	30	0.267
Thunderstorm Wind (counted as NRI Strong Wind)	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

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

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

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Avalanche	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
Drought	48 of 66	69.0	76.8	89.9	Relatively Low 14, Very Low 34, No Rating 18
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
Heat Wave	66 of 66	3.7	51.3	82.6	Relatively Moderate 21, Relatively Low 43, Very Low 2
Hurricane	0 of 66				Not Applicable 66
Ice Storm	66 of 66	2.5	7.8	24.5	Very Low 66
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

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Lightning	66 of 66	20.9	90.2	98.8	Very High 8, Relatively High 48, Relatively Moderate 8, Relatively Low 2
Strong Wind	66 of 66	35.8	64.8	87.5	Relatively High 3, Relatively Moderate 54, Relatively Low 9
Tornado	66 of 66	9.8	24.5	36.2	Relatively Low 11, Very Low 55
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

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Davis County	County	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$307,286.87	0 total; 0 since its plan	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 total; 1 since its plan	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 total; 2 since its plan	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	no Public Assistance recorded	7 total; 2 since its plan	
Clinton city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	6 total; 0 since its plan	
Farmington city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 1	\$472,273.41	13 total; 3 since its plan	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 total; 2 since its plan	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 total; 6 since its plan	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 total; 1 since its plan	
North Salt Lake city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$170,113.63	1 total; 0 since its plan	Includes \$6,413.24 for declarations not counted as hazard incidents (DR-4053-UT).

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
South Weber city	City	Approved, expires 2028-04-16	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; 0 since its plan	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	no Public Assistance recorded	1 total; 1 since its plan	
Syracuse city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	20 total; 6 since its plan	
West Bountiful city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$86,374.68	6 total; 2 since its plan	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	no Public Assistance recorded	0 total; 0 since its plan	
Woods Cross city	City	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 1	\$43,574.66	5 total; 0 since its plan	

Repetitive-loss counts are for whole NFIP communities, which can extend beyond this county (see the note in B2-c).

County Public Assistance in B1-d also includes applicants filed under the county that are not jurisdictions in this plan (for example state agencies, special districts and nonprofits), so the jurisdiction rows add up to less.

Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts

Local data needed

The table below gives county-level starting figures; the plan describes impacts for each jurisdiction and its own assets.

- Critical facilities and lifelines per hazard
- A problem statement per jurisdiction per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
- Future assets

County-level starter: exposure, expected annual loss and damage since the plan

Sources: 1, 2, 3, 5, 6, 7

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 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	n/a	10	\$87	n/a	\$3,139,583	0.0026%		\$25,000		
Coastal Flooding	\$0	n/a	0	\$0	n/a	\$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	n/a	\$22,327,109	n/a	n/a	\$133,606	n/a	0.598% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$93,258,829,201	n/a	362,679	\$43,420,334	n/a	\$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	n/a	362,649	\$48,486	n/a	\$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.
Landslide	\$849,218,829	n/a	5,480	\$119,457	n/a	\$97,857	0.0141%	\$50,000			
Lightning	\$53,796,879,989	n/a	362,649	\$14,119	n/a	\$4,645,573	under 0.0001%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 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
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): a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition.
Tornado	\$53,796,879,989	\$30,642,205	362,649	\$336,473	\$108	\$868,588	0.000625%				
Volcanic Activity	\$53,796,879,989	n/a	362,649	under \$1	n/a	\$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: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	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 adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	2	Severe repetitive loss, NFIP insurance definition	0

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county total and NFIP communities

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	0	0	2	0	2	0	0
of which: Farmington city	0	0	1	0	1	0	0
of which: Woods Cross city	0	0	1	0	1	0	0

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
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

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

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

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	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

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

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

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

In this county 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

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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 (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

Reuse and citation: Hazard Plain text and tables are licensed under Creative Commons Attribution 4.0 International (CC BY 4.0, <https://creativecommons.org/licenses/by/4.0/>); credit Hazard Plain and the release. The underlying federal data are public domain; OpenFEMA data are also subject to the OpenFEMA terms and conditions.

Cite this: Hazard Plain (2026). Davis County, UT: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 49011). Automated baseline. <https://hazardplain.org/ut/49011/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org