

# Weber County, UT

Risk-assessment baseline packet

County FIPS: 49057    Release: 2026-10    Data as of: 2026-09-30    Storm Events data through: 2026-06-30

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## Summary

Plan status as of 2026-09-30: Approved, expires 2030-06-25. Plan: Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281), approved 2025-06-26. Since the plan was approved on 2025-06-26: no new hazard declaration and 17 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 (\$65,998,250 a year), Inland Flooding (\$18,808,913) and Wildfire (\$4,465,748). 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; 49057 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.

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Plan clock

|           |                              |                 |                                                                 |
|-----------|------------------------------|-----------------|-----------------------------------------------------------------|
| Status:   | Approved, expires 2030-06-25 | Plan:           | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) |
| Approved: | 2025-06-26                   | Days to expiry: | 1,364                                                           |

What changed since your last plan (approved 2025-06-26)

|                           |                                                  |                                      |                                       |
|---------------------------|--------------------------------------------------|--------------------------------------|---------------------------------------|
| New federal declarations: | none                                             | Storm Events records since approval: | 17 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: 25 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<br>expiry<br><small>negative =<br/>days since<br/>expiry</small> | Notes                                 |
|-------------------------------------------|------------------------|------------------------------|-----------------------------------------------------------------|------------|------------|--------------------------------------------------------------------------|---------------------------------------|
| Weber County                              | County                 | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    |                                       |
| Farr West city                            | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-04-29 |
| Harrisville city                          | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Huntsville town                           | Town                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Marriott-Slaterville city                 | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-04-29 |
| North Ogden city                          | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-08-14 |
| Ogden city                                | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-05-01 |
| Plain City city                           | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-06-18 |
| Pleasant View city                        | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Riverdale city                            | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Roy city                                  | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| South Ogden city                          | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Uintah town                               | Town                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Washington Terrace city                   | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-06-18 |
| West Haven city                           | City                   | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Ogden School District                     | School/School District | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-06-18 |
| Weber School District                     | School/School District | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |
| Central Weber Sewer Improvement District  | Water/Sewer Authority  | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2026-04-29 |
| Other (Hooper Water Improvement District) | Water/Sewer Authority  | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281) | 2025-06-26 | 2030-06-25 | 1,364                                                                    | this jurisdiction approved 2025-10-20 |

|                                                        |                       |                              |                                                                                           |            |            | Days to expiry<br><i>negative = days since expiry</i> | Notes                                 |
|--------------------------------------------------------|-----------------------|------------------------------|-------------------------------------------------------------------------------------------|------------|------------|-------------------------------------------------------|---------------------------------------|
| Jurisdiction                                           | Type                  | Status                       | Plan                                                                                      | Approved   | Expires    |                                                       |                                       |
| Other (Northview Fire District)                        | Fire/EMS District     | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281)                           | 2025-06-26 | 2030-06-25 | 1,364                                                 | this jurisdiction approved 2025-10-20 |
| Other (Pineview Water District)                        | Water/Sewer Authority | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281)                           | 2025-06-26 | 2030-06-25 | 1,364                                                 | this jurisdiction approved 2026-07-06 |
| Other (West Warren/ Warren Water Improvement District) | Water/Sewer Authority | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281)                           | 2025-06-26 | 2030-06-25 | 1,364                                                 | this jurisdiction approved 2025-08-14 |
| Taylor West Weber Water District                       | Water/Sewer Authority | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281)                           | 2025-06-26 | 2030-06-25 | 1,364                                                 | this jurisdiction approved 2026-04-29 |
| Weber Basin Water Conservancy District                 | Conservation District | Approved, expires 2028-03-12 | Weber Basin Water Conservancy District, UT Hazard Mitigation Plan 2023 (FEMA plan 108601) | 2023-03-13 | 2028-03-12 | 529                                                   |                                       |
| Weber Fire District                                    | Fire/EMS District     | Approved, expires 2030-06-25 | Weber County, UT Hazard Mitigation Plan 2025 (FEMA plan 109281)                           | 2025-06-26 | 2030-06-25 | 1,364                                                 | this jurisdiction approved 2026-06-18 |

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                   | EAL agriculture                 | Cost of expected deaths and injuries                     | EAL total                                  | Storm Events                             | Why this hazard can be left out<br><i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i> | Storm Events coverage note                |
|-------------|-----------------|---------------------|---------------------|---------------------------------|---------------------------------|----------------------------------------------------------|--------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|             |                 |                     |                     | <i>modeled dollars per year</i> | <i>modeled dollars per year</i> | <i>FEMA's dollar value per year, not property damage</i> | <i>(see note) modeled dollars per year</i> | <i>records, 1996 to 2026-06-30 count</i> |                                                                                                                    |                                           |
| 1           | Earthquake      | Relatively Moderate | Relatively High     | \$39,820,142                    | n/a                             | \$26,178,108                                             | \$65,998,250                               |                                          |                                                                                                                    | Storm Events does not record earthquakes. |
| 2           | Inland Flooding | Relatively Low      | Relatively Moderate | \$18,728,458                    | \$198                           | \$80,258                                                 | \$18,808,913                               | 21                                       |                                                                                                                    |                                           |
| 3           | Wildfire        | Relatively Moderate | Relatively Moderate | \$4,295,402                     | \$246                           | \$170,100                                                | \$4,465,748                                | 4                                        |                                                                                                                    |                                           |

| Rank<br>by<br>EAL | Hazard            | NRI risk<br>rating     | EAL rating             | EAL<br>buildings<br>modeled<br>dollars per year | EAL<br>agriculture<br>modeled<br>dollars per<br>year | Cost of<br>expected deaths<br>and injuries<br>FEMA's dollar value<br>per year, not<br>property damage | EAL total<br>(see note)<br>modeled<br>dollars per year | Storm Events<br>records, 1996 to<br>2026-06-30<br>count | Why this hazard can be left out<br>NRI Not Applicable, no declaration and no<br>Storm Events record since 1996                                                                                        | Storm Events coverage note                                                                                                             |
|-------------------|-------------------|------------------------|------------------------|-------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 4                 | Avalanche         | Relatively<br>High     | Relatively<br>High     | \$675                                           | n/a                                                  | \$3,958,626                                                                                           | \$3,959,301                                            | 18                                                      |                                                                                                                                                                                                       |                                                                                                                                        |
| 5                 | Lightning         | Relatively<br>High     | Very High              | \$4,103                                         | n/a                                                  | \$2,826,674                                                                                           | \$2,830,777                                            | 4                                                       |                                                                                                                                                                                                       |                                                                                                                                        |
| 6                 | Heat Wave         | Relatively<br>Moderate | Relatively<br>Moderate | \$496                                           | \$4,100                                              | \$2,571,811                                                                                           | \$2,576,407                                            | 2                                                       |                                                                                                                                                                                                       |                                                                                                                                        |
| 7                 | Strong<br>Wind    | Relatively<br>Moderate | Relatively<br>High     | \$1,271,391                                     | \$5,207                                              | \$756,399                                                                                             | \$2,032,997                                            | 228                                                     |                                                                                                                                                                                                       | Includes 119 High Wind and 6<br>Strong Wind records (NOAA<br>non-thunderstorm wind types,<br>outside NRI's Strong Wind<br>definition). |
| 8                 | Cold Wave         | Relatively<br>Low      | Relatively<br>Moderate | \$3,202                                         | \$5,160                                              | \$1,306,922                                                                                           | \$1,315,284                                            | 3                                                       |                                                                                                                                                                                                       |                                                                                                                                        |
| 9                 | Tornado           | Relatively<br>Low      | Relatively<br>Low      | \$261,935                                       | \$282                                                | \$653,086                                                                                             | \$915,304                                              | 5                                                       |                                                                                                                                                                                                       |                                                                                                                                        |
| 10                | Winter<br>Weather | Relatively<br>High     | Relatively<br>High     | \$59,392                                        | \$277                                                | \$607,956                                                                                             | \$667,624                                              | 439                                                     |                                                                                                                                                                                                       |                                                                                                                                        |
| 11                | Drought           | Relatively<br>Low      | Relatively<br>Low      | n/a                                             | \$156,063                                            | n/a                                                                                                   | \$156,063                                              | 0                                                       |                                                                                                                                                                                                       | Declared 1 time; no Storm<br>Events record of this type.                                                                               |
| 12                | Hail              | Very Low               | Very Low               | \$5,343                                         | \$1,063                                              | \$70,092                                                                                              | \$76,497                                               | 13                                                      |                                                                                                                                                                                                       |                                                                                                                                        |
| 13                | Ice Storm         | Relatively<br>Low      | Relatively<br>Low      | \$43,144                                        | n/a                                                  | \$17,885                                                                                              | \$61,029                                               | 2                                                       |                                                                                                                                                                                                       |                                                                                                                                        |
| 14                | Landslide         | Very Low               | Very Low               | \$1,294                                         | n/a                                                  | \$503                                                                                                 | \$1,797                                                | 2                                                       |                                                                                                                                                                                                       |                                                                                                                                        |
|                   | Hurricane         | Not<br>Applicable      | Not<br>Applicable      |                                                 |                                                      |                                                                                                       |                                                        | 0                                                       | NRI rates hurricane Not Applicable for<br>this county, and no counted federal<br>declaration for this county names it<br>(EM-3223-UT names it but is not counted<br>as a local occurrence; see B1-d). | No recorded events in Storm<br>Events since 1996 (data through<br>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.

*Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: coastal flooding, tsunami and volcanic activity. 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.

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<br><i>NRI risk rating, score 0 to 100</i>                                            |
|------------|------------------------------------------------------------------------------------------------------------------|
| Avalanche  | tract 2015 (Relatively High, 92.8); tract 2101.01 (Relatively High, 92.6); tract 2002.04 (Relatively High, 92.6) |
| Earthquake | tract 2015 (Very High, 99.9); tract 2019 (Very High, 98.5); tract 2011 (Very High, 97.6)                         |
| Hurricane  | no tract has a National Risk Index rating for this hazard                                                        |
| Landslide  | tract 2101.02 (Relatively Low, 91.7); tract 2101.01 (Relatively Low, 88.9); tract 2112.01 (Very Low, 70.2)       |
| Tornado    | tract 2015 (Relatively Low, 35.6); tract 2020 (Relatively Low, 35.5); tract 2112.02 (Relatively Low, 33.8)       |
| Wildfire   | tract 2101.01 (Very High, 99.1); tract 2101.02 (Relatively High, 98.9); tract 2104.08 (Relatively High, 96.5)    |

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 2015 is Census Tract 2015). 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<br><i>count and years</i>        | Observed range                                          | Worst recorded event                                                                                                           | Most damaging<br>(when different)                                                    | How it applies to jurisdictions  | Note |
|---------------------------------------------------|------------------------------|------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|------|
| Avalanche                                         | none (count and damage only) | 18 records, 1999 to 2025 (18 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). |      |
| 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). |      |
| Frost/Freeze (outside NRI's Cold Wave definition) | crop damage                  | 0                                        |                                                         |                                                                                                                                |                                                                                      |                                  |      |

| Hazard                                                           | Scale                                                                              | Records<br><i>count and years</i>          | Observed range                                                                        | Worst recorded event                                                                           | Most damaging<br>(when different)                                                  | How it applies to jurisdictions                                                                                                                                                                                                                                                              | Note                                                                                                                                                                                                          |
|------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)                                                                 | 18 records, 1978 to 2021                   | 0.75 in to 1.75 in (median 0.88 in); 18 with a recorded value                         | 1.75 in hail, 2020-06-07                                                                       | Hail, 1997-06-10, \$5,000 property; crops not reported (1997 dollars)              | Event records naming jurisdictions in the plan: North Ogden city (5 records), Plain City city (2 records), Harrisville city (1 record), Ogden city (1 record), Uintah town (1 record), Washington Terrace 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)                                          | 21 records, 1997 to 2023 (3 zone-level)    |                                                                                       | Flood, 2011-05-22, \$550,000 property; \$0 crops (2011 dollars)                                |                                                                                    | Event records naming jurisdictions in the plan: Huntsville town (4 records), Plain City city (2 records), Washington Terrace city (2 records), Riverdale city (1 record), Roy city (1 record), South Ogden city (1 record), Uintah town (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)                                                       | 2 records, 2004 to 2005 (2 zone-level)     |                                                                                       | Debris Flow, 2004-04-06, \$40,000 property; crops not reported (2004 dollars); NWS zone UTZ002 |                                                                                    | Countywide (zone-level records).                                                                                                                                                                                                                                                             |                                                                                                                                                                                                               |
| Lightning                                                        | annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names) | 4 records, 1999 to 2013                    |                                                                                       | Lightning, 2013-07-06, \$20,000 property; \$0 crops (2013 dollars)                             |                                                                                    | Event records naming jurisdictions in the plan: North Ogden city (1 record), South Ogden city (1 record), Uintah town (1 record).                                                                                                                                                            | Storm Events lists lightning with damage or casualties.                                                                                                                                                       |
| High Wind and Strong Wind (outside NRI's Strong Wind definition) | wind speed (kt and mph)                                                            | 125 records, 1996 to 2026 (125 zone-level) | 35 kt (40 mph) to 129 kt (148 mph) (median 62 kt (71 mph)); 119 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).                                                                                                                                                                                                                                                             |                                                                                                                                                                                                               |

| Hazard                                                                      | Scale                                    | Records<br><i>count and years</i>          | Observed range                                                                       | Worst recorded event                                                                                                                                  | Most damaging<br>(when different)                                                | How it applies to jurisdictions                                                                                                                                                                                                                                                                                                           | Note                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------|------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thunderstorm Wind                                                           | wind speed (kt and mph)                  | 118 records, 1964 to 2026                  | 50 kt (58 mph) to 88 kt (101 mph) (median 56 kt (64 mph)); 114 with a recorded value | 88 kt (101 mph) measured gust, Thunderstorm Wind, 2016-09-22                                                                                          | Thunderstorm Wind, 2003-08-03, \$100,000 property; \$20,000 crops (2003 dollars) | Event records naming jurisdictions in the plan: Uintah town (19 records), South Ogden city (8 records), Ogden city (6 records), Roy city (5 records), Huntsville town (3 records), Washington Terrace city (3 records), Farr West city (1 record), Harrisville city (1 record), Pleasant View city (1 record), Riverdale city (1 record). |                                                                                                                                                                                                                      |
| Tornado                                                                     | Enhanced Fujita (Fujita before Feb 2007) | 8 records, 1968 to 2021                    | F/EF0 to F/EF2 (median F/EF1); 7 with a recorded value                               | F2 tornado, 1968-08-14, 1.5 mi path length (whole path, pre-1996), 50 yd wide, \$250,000 property; crops not recorded (1968 dollars), 1 direct injury | Tornado, 2016-09-22, \$2,000,000 property; \$0 crops (2016 dollars)              | Event records naming jurisdictions in the plan: Roy city (2 records), North Ogden city (1 record), Ogden city (1 record), Pleasant View city (1 record), Washington Terrace 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). |
| Wildfire                                                                    | acres burned (local data)                | 4 records, 2013 to 2017 (4 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)      | 439 records, 1996 to 2026 (439 zone-level) |                                                                                      | Heavy Snow, 2023-04-01, \$1,000,000 property; \$0 crops (2023 dollars); NWS zone UTZ108                                                               |                                                                                  | Countywide (zone-level records).                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                      |

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 and lightning.

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 8 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<br><i>federal share obligated, nominal dollars</i> | Notes                    |
|------------|----------------|-------------|-----------------|-------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------|
| 2021-01-12 | 2020-09-07     | DR-4578-UT  | Major disaster  | Straight-Line Winds                             | Strong Wind                                                          | \$773,672.40                                                                |                          |
| 2020-04-04 | 2020-01-20     | DR-4525-UT  | Major disaster  | COVID-19 Pandemic                               | Non-natural, not counted                                             | \$10,708.60                                                                 |                          |
| 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 |
| 2017-09-05 | 2017-09-05     | FM-5206-UT  | Fire management | Uintah Fire                                     | Wildfire                                                             | no Public Assistance recorded                                               |                          |
| 2011-08-08 | 2011-04-18     | DR-4011-UT  | Major disaster  | Flooding                                        | Inland Flooding                                                      | \$1,672,998.56                                                              |                          |
| 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                                               |                          |
| 2003-07-15 | 2003-07-14     | FM-2480-UT  | Fire management | Ut-Causey Fire 07/14/2003                       | Wildfire                                                             | no Public Assistance recorded                                               |                          |
| 1986-03-13 | 1986-02-12     | DR-760-UT   | Major disaster  | Heavy Rains, Snowmelt & Flooding                | Inland Flooding                                                      | 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.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

| Hazard    | Storm Events records, all years on file<br><i>(years in the Period column)</i> | Since plan approval records | In the 12 months before plan approval records | Last 5 years records | Declared incidents, all years<br><i>separate disasters</i> | Declared since approval<br><i>separate disasters</i> | Period             | Statement                                                                                  |
|-----------|--------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------|----------------------|------------------------------------------------------------|------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------|
| Avalanche | 18                                                                             | 0                           | 1                                             | 3                    | 0                                                          | 0                                                    | 1996 to 2026-06-30 |                                                                                            |
| 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) |

| <b>Hazard</b>      | <b>Storm Events records,<br/>all years on file</b><br><i>(years in the Period column)</i> | <b>Since plan<br/>approval</b><br><i>records</i> | <b>In the 12 months before<br/>plan approval</b><br><i>records</i> | <b>Last 5<br/>years</b><br><i>records</i> | <b>Declared incidents,<br/>all years</b><br><i>separate disasters</i> | <b>Declared since<br/>approval</b><br><i>separate disasters</i> | <b>Period</b>         | <b>Statement</b>                                                                     |
|--------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|
| Earthquake         | 0                                                                                         | 0                                                | 0                                                                  | 0                                         | 0                                                                     | 0                                                               |                       | Storm Events does not record earthquakes; the USGS earthquake catalog is the source. |
| Hail               | 18                                                                                        | 0                                                | 0                                                                  | 0                                         | 0                                                                     | 0                                                               | 1955 to<br>2026-06-30 |                                                                                      |
| Heat Wave          | 2                                                                                         | 0                                                | 0                                                                  | 0                                         | 0                                                                     | 0                                                               | 1996 to<br>2026-06-30 |                                                                                      |
| Hurricane          | 0                                                                                         | 0                                                | 0                                                                  | 0                                         | 0                                                                     | 0                                                               | 1996 to<br>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<br>2026-06-30 |                                                                                      |
| Inland<br>Flooding | 21                                                                                        | 0                                                | 0                                                                  | 2                                         | 4                                                                     | 0                                                               | 1996 to<br>2026-06-30 |                                                                                      |
| Landslide          | 2                                                                                         | 0                                                | 0                                                                  | 0                                         | 2                                                                     | 0                                                               | 1996 to<br>2026-06-30 |                                                                                      |
| Lightning          | 4                                                                                         | 0                                                | 0                                                                  | 0                                         | 0                                                                     | 0                                                               | 1996 to<br>2026-06-30 |                                                                                      |
| Strong Wind        | 243                                                                                       | 14                                               | 9                                                                  | 59                                        | 1                                                                     | 0                                                               | 1955 to<br>2026-06-30 | Includes 119 High Wind and 6 Strong Wind records.                                    |
| Tornado            | 8                                                                                         | 0                                                | 0                                                                  | 0                                         | 0                                                                     | 0                                                               | 1950 to<br>2026-06-30 |                                                                                      |
| Wildfire           | 4                                                                                         | 0                                                | 0                                                                  | 0                                         | 2                                                                     | 0                                                               | 1996 to<br>2026-06-30 |                                                                                      |
| Winter<br>Weather  | 439                                                                                       | 3                                                | 7                                                                  | 52                                        | 0                                                                     | 0                                                               | 1996 to<br>2026-06-30 |                                                                                      |

## Notable Storm Events records

Sources: 1, 6, 7

| Date       | Event type        | Magnitude or extent                                       | Damage<br><i>nominal dollars</i>                         | Deaths,<br>injuries<br><i>direct only</i> | Location                                                                       | Flags               | Why listed                                                    |
|------------|-------------------|-----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------|
| 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                     | 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                     | 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                           |                     | 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                                 |
| 2016-09-22 | Thunderstorm Wind | 88 kt (101 mph) measured gust                             | \$0 property; \$0 crops (2016 dollars)                   | 0, 0                                      | UINTAH                                                                         |                     | B1-c worst recorded: Thunderstorm Wind                        |
| 2013-07-06 | Lightning         |                                                           | \$20,000 property; \$0 crops (2013 dollars)              | 0, 0                                      | UINTAH                                                                         |                     | B1-c worst recorded: Lightning                                |
| 2011-05-22 | Flood             |                                                           | \$550,000 property; \$0 crops (2011 dollars)             | 0, 0                                      | HERMITAGE                                                                      |                     | B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood      |
| 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                                   |
| 2001-04-28 | Avalanche         |                                                           | \$0 property; \$0 crops (zone total, 2001 dollars)       | 2, 0                                      | NWS zone UTZ006 (P NC WEBER/P C MORGAN/ P W C SUMMIT/P SC WASATCH), zone-level |                     | deaths or injuries recorded                                   |
| 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 |
| 1968-08-14 | Tornado           | F2, 1.5 mi path length (whole path, pre-1996), 50 yd wide | \$250,000 property; crops not recorded (1968 dollars)    | 0, 1                                      | location not recorded                                                          |                     | B1-c worst recorded: Tornado                                  |

**The full list is in the Excel file, sheet "B1-d Storm Events history" (764 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<br>annualized<br>frequency<br>(modeled)<br><i>unit per row</i> | Unit                             | In plain terms                                                                          | Descriptor    | Descriptor basis                                               | NRI events or days in its record<br>period (hail, wind and tornado are<br>area-weighted, so can be<br>fractional) | NRI period                                 | Location   | Note                                                      |
|-----------------|---------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------|-----------------------------------------------------------|
| Avalanche       | 0.467                                                               | events per year                  | about 1 in 2 years                                                                      | Likely        | FEMA annualized frequency (modeled)                            | 14                                                                                                                | 1994 to 2023 (30 years)                    | see B1-f   |                                                           |
| Cold Wave       | 0.169                                                               | event-days per year              | about 0.169 days per year                                                               | Likely        | Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)   | 3.18                                                                                                              | 2005-11-12 to 2024-11-12 (19 years)        | countywide |                                                           |
| Drought         | 48.3                                                                | event-days per year              | about 48.3 days per year                                                                |               | Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)    | 1,841                                                                                                             | 2000 to 2025 (25.25 years; D3 and D4 only) | countywide | No Storm Events drought record, 1996 to 2025              |
| Earthquake      | 0.015                                                               | annual probability at a location | chance a given location in the county has at least minor-damage shaking in a year: 1.5% |               |                                                                | not shown                                                                                                         | modeled                                    | see B1-f   | No descriptor (Storm Events does not record earthquakes). |
| Hail            | 0.287                                                               | events per year                  | about 1 in 3 years                                                                      | Likely        | FEMA annualized frequency (modeled)                            | 12.3 (modeled)                                                                                                    | 1986 to 2023 (38 years)                    | countywide |                                                           |
| Heat Wave       | 1.17                                                                | event-days per year              | about 1.17 days per year                                                                | Possible      | Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%) | 16.7                                                                                                              | 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 | 0.607                                                               | event-days per year              | about 0.607 days per year                                                               | Likely        | Storm Events event-days in 8 of 30 years, 1996 to 2025 (26.7%) | 17                                                                                                                | 1996 to 2023 (28 years)                    | see B1-f   |                                                           |
| Landslide       | 0.446                                                               | events per year (modeled)        | about 1 in 2 years                                                                      | Likely        | FEMA annualized frequency (modeled)                            | not shown                                                                                                         | modeled                                    | see B1-f   |                                                           |
| Lightning       | 32.8                                                                | days per year with a strike      | about 32.8 days per year                                                                | Highly likely | FEMA annualized frequency (modeled)                            | not shown                                                                                                         | 1995 to 2023 (29 years; CONUS)             | countywide |                                                           |
| Strong Wind     | 1.14                                                                | events per year                  | about 1.14 per year                                                                     | Highly likely | FEMA annualized frequency (modeled)                            | 44                                                                                                                | 1986 to 2023 (38 years)                    | countywide |                                                           |
| Tornado         | 0.0482                                                              | events per year                  | about 1 in 21 years                                                                     | Possible      | FEMA annualized frequency (modeled)                            | not shown                                                                                                         | 1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)  | see B1-f   |                                                           |

| Hazard            | FEMA<br>annualized<br>frequency<br>(modeled) | Unit                                   | In plain terms                                                      | Descriptor       | Descriptor basis                                                      | NRI events or days in its record<br>period (hail, wind and tornado are<br>area-weighted, so can be<br>fractional) | NRI period                                | Location   | Note |
|-------------------|----------------------------------------------|----------------------------------------|---------------------------------------------------------------------|------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------|------|
|                   | <i>unit per row</i>                          |                                        |                                                                     |                  |                                                                       |                                                                                                                   |                                           |            |      |
| Wildfire          | 0.00317                                      | annual<br>probability at a<br>location | chance a given location in<br>the county burns in a<br>year: 0.317% | Likely           | Storm Events records<br>in 3 of 30 years, 1996<br>to 2025 (10%)       | not shown                                                                                                         | modeled                                   | see B1-f   |      |
| Winter<br>Weather | 33.1                                         | event-days per<br>year                 | about 33.1 days per year                                            | Highly<br>likely | Storm Events event-<br>days in 30 of 30 years,<br>1996 to 2025 (100%) | 601                                                                                                               | 2005-11-12 to<br>2024-11-12 (19<br>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<br><i>county-coded records</i> | Years in period | Events per year<br><i>events / years</i> |
|------------------------------------------------|---------------------------|--------------|---------------------------------------|-----------------|------------------------------------------|
| Hail                                           | 1.00-1.99 in              | 1996 to 2025 | 5                                     | 30              | 0.167                                    |
| Hail                                           | 2.00 in+                  | 1996 to 2025 | 0                                     | 30              | 0                                        |
| Thunderstorm Wind (counted as NRI Strong Wind) | 50-64 kt                  | 1996 to 2025 | 77                                    | 30              | 2.57                                     |
| Thunderstorm Wind (counted as NRI Strong Wind) | 65 kt+                    | 1996 to 2025 | 16                                    | 30              | 0.533                                    |
| Thunderstorm Wind (counted as NRI Strong Wind) | unmeasured or below 50 kt | 1996 to 2025 | 0                                     | 30              | 0                                        |
| Tornado                                        | EF0-1                     | 1996 to 2025 | 4                                     | 30              | 0.133                                    |
| Tornado                                        | EF2-3                     | 1996 to 2025 | 0                                     | 30              | 0                                        |
| Tornado                                        | EF4-5                     | 1996 to 2025 | 0                                     | 30              | 0                                        |
| Tornado                                        | unrated (EFU)             | 1996 to 2025 | 1                                     | 30              | 0.0333                                   |

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<br><i>rated of all</i> | NRI risk score, 0 to 100 |        |      | Tracts by rating                                                          |
|-----------------|-------------------------------|--------------------------|--------|------|---------------------------------------------------------------------------|
|                 |                               | Min                      | Median | Max  |                                                                           |
| Avalanche       | 8 of 58                       | 90.4                     | 91.3   | 92.8 | Relatively High 4, Relatively Moderate 4, Not Applicable 50               |
| Cold Wave       | 58 of 58                      | 22.1                     | 29.3   | 40.7 | Relatively Low 58                                                         |
| Drought         | 38 of 58                      | 67.1                     | 75.3   | 91.3 | Relatively Low 14, Very Low 24, No Rating 20                              |
| Earthquake      | 58 of 58                      | 70.7                     | 86.9   | 99.9 | Very High 3, Relatively High 17, Relatively Moderate 34, Relatively Low 4 |
| Hail            | 58 of 58                      | 11.9                     | 21.8   | 29.9 | Very Low 58                                                               |
| Heat Wave       | 58 of 58                      | 5.8                      | 47.0   | 69.5 | Relatively Moderate 12, Relatively Low 44, Very Low 2                     |
| Hurricane       | 0 of 58                       |                          |        |      | Not Applicable 58                                                         |
| Ice Storm       | 58 of 58                      | 2.7                      | 8.8    | 34.8 | Relatively Low 1, Very Low 57                                             |
| Inland Flooding | 58 of 58                      | 0.9                      | 9.8    | 81.8 | Relatively High 1, Relatively Moderate 3, Relatively Low 16, Very Low 38  |
| Landslide       | 55 of 58                      | 8.6                      | 11.5   | 91.7 | Relatively Low 2, Very Low 53, No Rating 3                                |
| Lightning       | 58 of 58                      | 59.0                     | 86.5   | 96.5 | Very High 3, Relatively High 43, Relatively Moderate 12                   |

| Hazard         | Tracts<br><i>rated of all</i> | NRI risk score, 0 to 100 |        |      | Tracts by rating                                                                                    |
|----------------|-------------------------------|--------------------------|--------|------|-----------------------------------------------------------------------------------------------------|
|                |                               | Min                      | Median | Max  |                                                                                                     |
| Strong Wind    | 58 of 58                      | 32.7                     | 61.8   | 87.5 | Relatively High 2, Relatively Moderate 38, Relatively Low 18                                        |
| Tornado        | 58 of 58                      | 9.6                      | 24.4   | 35.6 | Relatively Low 8, Very Low 50                                                                       |
| Wildfire       | 52 of 58                      | 23.9                     | 79.4   | 99.1 | Very High 1, Relatively High 2, Relatively Moderate 12, Relatively Low 15, Very Low 22, No Rating 6 |
| Winter Weather | 58 of 58                      | 55.7                     | 79.4   | 92.0 | Relatively High 32, Relatively Moderate 26                                                          |

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<br><i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i> | Public Assistance to this jurisdiction<br><i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i> | Event records naming this place<br><i>all years; since its plan</i> | Notes                                                                               |
|---------------------------|--------|------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Weber County              | County | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 1                                                               | \$444,366.23                                                                                                                      | 0 total; 0 since its plan                                           |                                                                                     |
| Farr West city            | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | no Public Assistance recorded                                                                                                     | 1 total; 0 since its plan                                           |                                                                                     |
| Harrisville city          | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | no Public Assistance recorded                                                                                                     | 2 total; 0 since its plan                                           |                                                                                     |
| Huntsville town           | Town   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | no Public Assistance recorded                                                                                                     | 7 total; 0 since its plan                                           |                                                                                     |
| Marriott-Slaterville city | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | \$26,279.64                                                                                                                       | 0 total; 0 since its plan                                           |                                                                                     |
| North Ogden city          | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | no Public Assistance recorded                                                                                                     | 7 total; 0 since its plan                                           |                                                                                     |
| Ogden city                | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 1                                                               | \$1,081,370.37                                                                                                                    | 8 total; 0 since its plan                                           |                                                                                     |
| Plain City city           | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | no Public Assistance recorded                                                                                                     | 4 total; 0 since its plan                                           |                                                                                     |
| Pleasant View city        | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | \$31,798.35                                                                                                                       | 2 total; 0 since its plan                                           |                                                                                     |
| Riverdale city            | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | \$329,283.91                                                                                                                      | 2 total; 1 since its plan                                           |                                                                                     |
| Roy city                  | City   | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                                               | \$10,708.60                                                                                                                       | 8 total; 0 since its plan                                           | Includes \$10,708.60 for declarations not counted as hazard incidents (DR-4525-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 Ogden city        | City | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                            | \$339,199.19                                                                            | 10 total; 3 since its plan       |       |
| Uintah town             | Town | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                            | \$4,475.73                                                                              | 22 total; 1 since its plan       |       |
| Washington Terrace city | City | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                            | \$69,171.03                                                                             | 7 total; 1 since its plan        |       |
| West Haven city         | City | Approved, expires 2030-06-25 | FMA RL 0, SRL 0; any 0                                            | \$91,286.84                                                                             | 0 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).

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

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<br><i>modeled dollars</i> | Agriculture exposure<br><i>modeled dollars</i> | Population exposed<br><i>people</i> | EAL buildings<br><i>modeled dollars per year</i> | EAL agriculture<br><i>modeled dollars per year</i> | Cost of expected deaths and injuries                     | EAL as % of exposure<br><i>buildings; agriculture where noted</i> | Storm Events damage since 2025-06-26                              | Zone-level damage since plan                      | Public Assistance since plan     | Note                                                            |
|------------|---------------------------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|----------------------------------|-----------------------------------------------------------------|
|            |                                             |                                                |                                     |                                                  |                                                    | <i>FEMA's dollar value per year, not property damage</i> |                                                                   | <i>county-coded records, property plus crops, nominal dollars</i> | <i>property plus crops, reported for the zone</i> | <i>nominal dollars; see note</i> |                                                                 |
| Avalanche  | \$20,156,281                                | n/a                                            | 10                                  | \$675                                            | n/a                                                | \$3,958,626                                              | 0.00335%                                                          |                                                                   |                                                   |                                  |                                                                 |
| Cold Wave  | \$47,869,004,585                            | \$63,660,408                                   | 262,148                             | \$3,202                                          | \$5,160                                            | \$1,306,922                                              | under 0.0001%                                                     |                                                                   |                                                   |                                  |                                                                 |
| Drought    | n/a                                         | \$25,272,263                                   | n/a                                 | n/a                                              | \$156,063                                          | n/a                                                      | 0.618% (agriculture)                                              |                                                                   |                                                   |                                  | NRI has no building exposure for this hazard; agriculture shown |
| Earthquake | \$83,753,859,291                            | n/a                                            | 262,223                             | \$39,820,142                                     | n/a                                                | \$26,178,108                                             | 0.0475%                                                           |                                                                   |                                                   |                                  |                                                                 |

| <b>Hazard</b>   | <b>Building exposure</b><br><i>modeled dollars</i> | <b>Agriculture exposure</b><br><i>modeled dollars</i> | <b>Population exposed</b><br><i>people</i> | <b>EAL buildings</b><br><i>modeled dollars per year</i> | <b>EAL agriculture</b><br><i>modeled dollars per year</i> | <b>Cost of expected deaths and injuries</b><br><i>FEMA's dollar value per year, not property damage</i> | <b>EAL as % of exposure</b><br><i>buildings; agriculture where noted</i> | <b>Storm Events damage since 2025-06-26</b><br><i>county-coded records, property plus crops, nominal dollars</i> | <b>Zone-level damage since plan</b><br><i>property plus crops, reported for the zone</i> | <b>Public Assistance since plan</b><br><i>nominal dollars; see note</i> | <b>Note</b>                                                                                                                                                               |
|-----------------|----------------------------------------------------|-------------------------------------------------------|--------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hail            | \$47,869,635,678                                   | \$63,660,408                                          | 262,158                                    | \$5,343                                                 | \$1,063                                                   | \$70,092                                                                                                | under 0.0001%                                                            |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Heat Wave       | \$47,108,196,882                                   | \$63,246,397                                          | 261,762                                    | \$496                                                   | \$4,100                                                   | \$2,571,811                                                                                             | under 0.0001%                                                            |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Hurricane       |                                                    |                                                       |                                            |                                                         |                                                           |                                                                                                         |                                                                          |                                                                                                                  |                                                                                          |                                                                         | Not Applicable in NRI for this county                                                                                                                                     |
| Ice Storm       | \$47,869,635,678                                   | n/a                                                   | 262,158                                    | \$43,144                                                | n/a                                                       | \$17,885                                                                                                | under 0.0001%                                                            |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Inland Flooding | \$47,846,064,240                                   | \$4,400,651                                           | 1,593                                      | \$18,728,458                                            | \$198                                                     | \$80,258                                                                                                | n/a (see note)                                                           |                                                                                                                  |                                                                                          |                                                                         | NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. |
| Landslide       | \$1,124,329,239                                    | n/a                                                   | 3,469                                      | \$1,294                                                 | n/a                                                       | \$503                                                                                                   | 0.000115%                                                                |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Lightning       | \$47,869,635,678                                   | n/a                                                   | 262,158                                    | \$4,103                                                 | n/a                                                       | \$2,826,674                                                                                             | under 0.0001%                                                            |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Strong Wind     | \$47,869,635,678                                   | \$63,660,408                                          | 262,158                                    | \$1,271,391                                             | \$5,207                                                   | \$756,399                                                                                               | 0.00266%                                                                 | \$2,500                                                                                                          | \$0                                                                                      |                                                                         |                                                                                                                                                                           |
| Tornado         | \$47,869,635,678                                   | \$63,660,408                                          | 262,158                                    | \$261,935                                               | \$282                                                     | \$653,086                                                                                               | 0.000547%                                                                |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Wildfire        | \$5,577,325,198                                    | \$26,387,912                                          | 31,950                                     | \$4,295,402                                             | \$246                                                     | \$170,100                                                                                               | 0.077%                                                                   |                                                                                                                  |                                                                                          |                                                                         |                                                                                                                                                                           |
| Winter Weather  | \$47,869,635,678                                   | \$63,660,408                                          | 262,158                                    | \$59,392                                                | \$277                                                     | \$607,956                                                                                               | 0.000124%                                                                |                                                                                                                  | \$560,000                                                                                |                                                                         |                                                                                                                                                                           |

Totals since 2025-06-26 (Storm Events through 2026-06-30): 12 county-coded records, 12 with a damage value recorded (including \$0), \$2,500; 5 zone-level records, 5 with a damage value recorded (including \$0), \$560,000 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                                                                                                                                                                    | 262,158             |
| Building value (total, not at risk)                                                                                                                                           | \$47,869,635,678    |
| Agriculture value (total, not at risk)                                                                                                                                        | \$63,660,408        |
| NRI risk rating (all hazards)                                                                                                                                                 | Relatively Moderate |
| Expected annual loss, buildings and agriculture, all hazards                                                                                                                  | \$64,667,572        |
| 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) | \$39,198,421        |
| 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<br><i>properties</i> | SRL, FMA<br><i>properties</i> | RL, NFIP<br><i>properties</i> | SRL, NFIP<br><i>properties</i> | Any category<br><i>properties</i> | Mitigated<br><i>properties</i> | Currently insured<br><i>properties</i> |
|----------------------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|----------------------------------------|
| County total                                 | 0                            | 0                             | 2                             | 0                              | 2                                 | 0                              | 0                                      |
| of which: Weber County (unincorporated area) | 0                            | 0                             | 1                             | 0                              | 1                                 | 0                              | 0                                      |
| of which: Ogden city                         | 0                            | 0                             | 1                             | 0                              | 1                                 | 0                              | 0                                      |

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

Sources: 1, 4

| <b>Jurisdiction</b>       | <b>NFIP community ID</b> | <b>RL, FMA<br/><i>properties</i></b> | <b>SRL, FMA<br/><i>properties</i></b> | <b>RL, NFIP<br/><i>properties</i></b> | <b>SRL, NFIP<br/><i>properties</i></b> | <b>Any category<br/><i>properties</i></b> | <b>Mitigated<br/><i>properties</i></b> | <b>Currently insured<br/><i>properties</i></b> |
|---------------------------|--------------------------|--------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------------|
| Weber County              | 490187                   | 0                                    | 0                                     | 1                                     | 0                                      | 1                                         | 0                                      | 0                                              |
| Farr West city            | 490255                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Harrisville city          | 490208                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Huntsville town           | 490188                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Marriott-Slaterville city | 490257                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| North Ogden city          | 490214                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Ogden city                | 490189                   | 0                                    | 0                                     | 1                                     | 0                                      | 1                                         | 0                                      | 0                                              |
| Plain City city           | 490217                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Pleasant View city        | 490218                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Riverdale city            | 490190                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Roy city                  | 490223                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| South Ogden city          | 490191                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Uintah town               | 490192                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| Washington Terrace city   | 490221                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 0                                      | 0                                              |
| West Haven city           | 490249                   | 0                                    | 0                                     | 0                                     | 0                                      | 0                                         | 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<br><i>properties</i> | SRL, FMA<br><i>properties</i> | RL, NFIP<br><i>properties</i> | SRL, NFIP<br><i>properties</i> | Any category<br><i>properties</i> | Mitigated<br><i>properties</i> | Currently insured<br><i>properties</i> |
|---------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|----------------------------------------|
| single-family residential | 0                            | 0                             | 2                             | 0                              | 2                                 | 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                             | 0                             | 0                              | 0                                 | 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](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](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_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/codes2020/national_place_by_county2020.txt), [https://www2.census.gov/geo/docs/reference/ct\\_change/ct\\_cou\\_to\\_cousub\\_crosswalk.xlsx](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)

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## 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.

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## 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).

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