

Mesa County, CO

Risk-assessment baseline packet

County FIPS: 08077 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2031-06-03. Plan: Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553), approved 2026-06-04.

Since the plan was approved on 2026-06-04: no new federal declaration.

NOAA Storm Events records since that date: 0 records (data through 2026-06-30).

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$21,790,401 a year), Earthquake (\$2,766,824) and Lightning (\$2,659,285).

Repetitive-loss flood properties now: FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 1.

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; 08077 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 2031-06-03	Plan:	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)
Approved:	2026-06-04	Days to expiry:	1,707

What changed since your last plan (approved 2026-06-04)

New federal declarations:	none	Storm Events records since approval:	0 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 1	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: 14 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Mesa County	County	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		
Collbran town	Town	Plan 111553 approved 2026-06-04, pending adoption here; not yet eligible	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553), pending adoption here	2026-06-04 by FEMA; not yet adopted here	2031-06-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
De Beque town	Town	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-07-09
Fruita city	City	Plan 111553 approved 2026-06-04, pending adoption here; not yet eligible	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553), pending adoption here	2026-06-04 by FEMA; not yet adopted here	2031-06-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Grand Junction city	City	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-07-29
Palisade town	Town	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-09-03
Clifton Sanitation District	Special District	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-09-01
Clifton Water District	Water/Sewer Authority	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-09-21
Collbran Conservancy District	Conservation District	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-06-22
DeBeque FPD	Fire/EMS District	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-09-01
Orchard Mesa Irrigation District	Water/Sewer Authority	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-07-29
Other (Grand Junction Rural Fire Protection District)	Fire/EMS District	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-07-29

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Other (Lower Valley Fire Protection District)	Fire/EMS District	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-06-22
Other (Plateau Valley Fire Protection District)	Fire/EMS District	Approved, expires 2031-06-03	Mesa County, CO Hazard Mitigation Plan 2026 (FEMA plan 111553)	2026-06-04	2031-06-03	1,707		this jurisdiction approved 2026-07-29

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- dam failure (incl. upstream dams)
- levee failure
- flash flood as its own subtype
- ice jams
- debris flows
- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) modeled dollars per year	Storm Events records, 1996 to 2026-06-30 count	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$21,404,582	\$605	\$385,214	\$21,790,401	107		
2	Earthquake	Relatively Low	Relatively Low	\$2,264,767	n/a	\$502,057	\$2,766,824			Storm Events does not record earthquakes.
3	Lightning	Very High	Relatively High	\$18,627	n/a	\$2,640,658	\$2,659,285	11		
4	Landslide	Relatively High	Relatively High	\$14,520	n/a	\$2,152,857	\$2,167,377	38		
5	Avalanche	Relatively High	Relatively Moderate	\$102	n/a	\$1,731,338	\$1,731,440	12		
6	Wildfire	Relatively Moderate	Relatively Moderate	\$1,368,460	\$305	\$56,853	\$1,425,619	111		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
7	Drought	Relatively Moderate	Relatively Moderate	n/a	\$656,081	n/a	\$656,081	139		
8	Heat Wave	Relatively Low	Relatively Low	\$133	\$1,929	\$566,074	\$568,136	8		
9	Cold Wave	Relatively Low	Relatively Low	\$269	\$126,147	\$318,544	\$444,960	158		Includes 146 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
10	Tornado	Very Low	Very Low	\$95,098	\$415	\$103,630	\$199,142	10		
11	Winter Weather	Relatively Moderate	Relatively Moderate	\$36,285	\$44	\$87,035	\$123,364	1,090		
12	Strong Wind	Very Low	Very Low	\$26,593	\$10	\$54,262	\$80,865	254		Includes 103 High Wind and 25 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
13	Hail	Very Low	Very Low	\$55,126	\$2,179	\$20,363	\$77,668	55		
14	Ice Storm	Relatively Low	Relatively Low	\$28,373	n/a	\$10,619	\$38,992	1		
15	Volcanic Activity	Very Low	Very Low	under \$1	n/a	under \$1	under \$1	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Hurricane	Not Applicable	Not Applicable					0	NRI rates hurricane Not Applicable for this county, and no counted federal declaration for this county names it (EM-3224-CO names it but is not counted as a local occurrence; see B1-d).	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

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

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 17.02 (Relatively Moderate, 88.4); tract 15.02 (Relatively Moderate, 87.8); tract 19 (Relatively Moderate, 87.0)
Earthquake	tract 5 (Relatively Moderate, 84.7); tract 9 (Relatively Moderate, 82.6); tract 4 (Relatively Moderate, 80.4)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 19 (Very High, 100.0); tract 18 (Very High, 99.9); tract 15.02 (Relatively High, 99.3)
Tornado	tract 15.02 (Relatively Low, 31.3); tract 14.02 (Very Low, 28.3); tract 15.04 (Very Low, 27.9)
Volcanic Activity	tract 18 (Very Low, 42.2)
Wildfire	tract 19 (Relatively High, 98.1); tract 18 (Relatively High, 97.8); tract 14.04 (Relatively Moderate, 96.1)

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 17.02 is Census Tract 17.02). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Avalanche	none (count and damage only)	12 records, 1999 to 2017 (12 zone-level)		Avalanche, 2004-02-04, \$5,000 property; crops not reported (2004 dollars); NWS zone COZ009		Countywide (zone-level records).	Physical measure: in event narratives only (local data needed).
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	12 records, 1999 to 2025 (12 zone-level)	1 day to 16 days (median 5 days); 4 with a recorded value	16 consecutive days, 2005-12-04 to 2005-12-19, zone-level	Cold/Wind Chill, 1999-04-16, property not reported; \$8,800,000 crops, reported for the zone (1999 dollars)	Countywide (zone-level records).	Wind chill: in event narratives only (local data needed).
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	146 records, 1996 to 2025 (146 zone-level)		Frost/Freeze, 2020-04-14, \$30,000,000 crop damage (2020 dollars); NWS zone COZ006		Countywide (zone-level records).	Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	139 records, 2002 to 2026 (139 zone-level)	55 days to 1,096 days (median 273 days); 11 with a recorded value	1096 days (36 months), 2003-10-01 to 2006-09-30, a run of 36 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	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)	62 records, 1962 to 2025	0.5 in to 1.75 in (median 1 in); 62 with a recorded value	1.75 in hail, 2025-06-06; same size also recorded on 1967-06-20, 1983-06-25, 2000-08-19, 2001-07-10, 2005-09-21, 2009-05-02	Hail, 2015-10-19, \$500,000 property; \$0 crops (2015 dollars)	Event records naming jurisdictions in the plan: Grand Junction city (13 records), Fruita city (7 records), Palisade town (6 records), Collbran town (3 records), De Beque town (3 records).	
Excessive Heat, Heat	heat index (in event narratives)	8 records, 2021 to 2025 (8 zone-level)	1 day to 5 days (median 1 day); 5 with a recorded value	5 consecutive days, 2021-06-14 to 2021-06-18, zone-level		Countywide (zone-level records).	Heat index: in event narratives only (local data needed). Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
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)	1 record, 2017 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	Ice thickness: in event narratives only (local data needed).
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	107 records, 1997 to 2025 (4 zone-level)		Flash Flood, 1997-08-05, \$250,000 property; crops not reported (1997 dollars)		Event records naming jurisdictions in the plan: Grand Junction city (25 records), Fruita city (7 records), De Beque town (4 records), Collbran town (3 records), Palisade town (2 records). Zone-level records (4) 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)	38 records, 2003 to 2025 (19 zone-level)		Debris Flow, 2006-09-16, \$100,000 property; crops not reported (2006 dollars), 1 direct death (reported for the zone); NWS zone COZ007		Event records naming jurisdictions in the plan: Collbran town (2 records), Palisade town (2 records), Fruita city (1 record). Zone-level records (19) apply countywide.	Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	11 records, 1996 to 2016		Lightning, 2013-07-17, \$60,000 property; \$0 crops (2013 dollars)		Event records naming jurisdictions in the plan: Grand Junction city (5 records), Fruita city (1 record), Palisade town (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only (local data needed).
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	128 records, 1996 to 2026 (128 zone-level)	35 kt (40 mph) to 83 kt (96 mph) (median 55 kt (63 mph)); 123 with a recorded value	83 kt (96 mph) measured gust, High Wind, 2017-06-12; NWS zone COZ003	High Wind, 2007-04-18, \$100,000 property; \$0 crops, reported for the zone (2007 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	160 records, 1962 to 2025	39 kt (45 mph) to 90 kt (104 mph) (median 53 kt (61 mph)); 150 with a recorded value	90 kt (104 mph) estimated, Thunderstorm Wind, 2000-08-21	Thunderstorm Wind, 2005-07-28, \$100,000 property; crops not reported (2005 dollars)	Event records naming jurisdictions in the plan: Fruita city (20 records), Grand Junction city (18 records), Palisade town (6 records), De Beque town (5 records), Collbran town (1 record).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	10 records, 1998 to 2015	F/EF0 to F/EF1 (median F/EF0); 10 with a recorded value	F1 tornado, 2000-09-08, 0.4 mi within this county, 40 yd wide, \$1,000 property; crops not reported (2000 dollars)		No event record names a jurisdiction in the plan.	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only (local data needed).
Wildfire	acres burned (local data)	111 records, 1999 to 2025 (101 zone-level)		Wildfire, 2025-09-01, \$0 property; \$40,400,000 crops (2025 dollars); NWS zone COZ017		Event records naming jurisdictions in the plan: Grand Junction city (4 records), De Beque town (1 record). Zone-level records (101) apply countywide.	Acres burned: in event narratives only (local data needed).
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	1,090 records, 1996 to 2026 (1,090 zone-level)		Winter Weather, 2006-10-25, \$7,000 property; \$0 crops (2006 dollars); NWS zone COZ011		Countywide (zone-level records).	Snow depth: in event narratives only (local data needed).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records whose zone 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: 8 declarations covering 4 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Notes
2020-08-19	2020-08-19	FM-5335-CO	Fire management	Pine Gulch Fire	Wildfire	no Public Assistance recorded	
2020-03-28	2020-01-20	DR-4498-CO	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$6,733,525	
2020-03-13	2020-01-20	EM-3436-CO	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	same incident as DR-4498
2005-09-05	2005-08-29	EM-3224-CO	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded	
2002-06-19	2002-04-23	DR-1421-CO	Major disaster	Wildfires	Wildfire	PA not declared for this county	
2002-06-10	2002-06-09	FM-2422-CO	Fire management	Co - Dierich Fire - 06/10/02	Wildfire	no Public Assistance recorded	same incident as DR-1421
1984-07-27	1984-07-27	DR-719-CO	Major disaster	Severe Storms, Mudslides, Landslides & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded	
1977-01-29	1977-01-29	EM-3025-CO	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.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1956-06-12	1956-06-12	DR-59-CO	Major disaster	Flood	Inland Flooding
1955-05-25	1955-05-25	DR-33-CO	Major disaster	Flood	Inland Flooding

FEMA recorded these with designated area Statewide and no county, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

10 Fire Management declarations (1978-09-12 to 2016-07-10) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	12	0	0	0	0	0	1996 to 2026-06-30	
Cold Wave	158	0	2	36	0	0	1996 to 2026-06-30	Includes 146 Frost/Freeze records.
Drought	139	0	9	15	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	62	0	2	5	0	0	1955 to 2026-06-30	
Heat Wave	8	0	0	4	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	1	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	107	0	3	27	1	0	1996 to 2026-06-30	
Landslide	38	0	1	5	1	0	1996 to 2026-06-30	
Lightning	11	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	288	0	10	49	0	0	1955 to 2026-06-30	Includes 103 High Wind and 25 Strong Wind records.
Tornado	10	0	0	0	0	0	1950 to 2026-06-30	
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	111	0	14	40	2	0	1996 to 2026-06-30	
Winter Weather	1,090	0	18	172	0	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2025-09-01	Wildfire		\$0 property; \$40,400,000 crops, reported for the zone (2025 dollars)	0, 0	NWS zone COZ017 (UNCOMPAHGRE PLATEAU AND DALLAS DIVIDE), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Wildfire
2023-05-06	Flood		\$0 property; \$0 crops (2023 dollars)	1, 0	GATEWAY	within last 5 years	deaths or injuries recorded
2021-06-14	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone COZ006 (GRAND VALLEY), zone-level		B1-c worst recorded: Excessive Heat, Heat
2020-04-14	Frost/ Freeze		\$0 property; \$30,000,000 crops, reported for the zone (2020 dollars)	0, 0	NWS zone COZ006 (GRAND VALLEY), zone-level		B1-c worst recorded: Frost/Freeze
2014-05-25	Debris Flow		\$25,000 property; \$0 crops (2014 dollars)	3, 0	PLATEAU CITY to COLLBRAN		deaths or injuries recorded
2013-07-17	Lightning		\$60,000 property; \$0 crops (2013 dollars)	0, 0	GRAND JCT		B1-c worst recorded: Lightning
2006-09-16	Debris Flow		\$100,000 property; crops not reported, reported for the zone (2006 dollars)	1, 0	NWS zone COZ007 (DEBEQUE TO SILT CORRIDOR), zone-level		B1-c worst recorded: Debris Flow
2005-12-04	Cold/Wind Chill		\$100,000 property; crops not reported, reported for the zone (2005 dollars)	0, 0	NWS zone COZ011 (CENTRAL GUNNISON AND UNCOMPAHGRE RIVER BASIN), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2004-02-04	Avalanche		\$5,000 property; crops not reported, reported for the zone (2004 dollars)	0, 0	NWS zone COZ009 (GRAND AND BATTLEMENT MESAS), zone-level		B1-c worst recorded: Avalanche
2003-10-01	Drought		damage not reported	0, 0	NWS zone COZ009 (GRAND AND BATTLEMENT MESAS), zone-level		B1-c worst recorded: Drought
1999-01-23	Avalanche		damage not reported	1, 1	Storm Events area GORE AND ELK MOUNTAINS/CENTRAL MOUNTAIN VALLEYS/ASPEN AND VICINITY / NE S EAGLE / PITKIN EXCEPT XNC / X NE MESA / SE GARFIELD (PART) (legacy zone code COZ010), zone-level		deaths or injuries recorded
1997-08-05	Flash Flood		\$250,000 property; crops not reported (1997 dollars)	0, 0	GRAND JCT		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood

The full list is in the Excel file, sheet "B1-d Storm Events history" (2,035 rows).

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

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

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

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

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.167	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	5	1994 to 2023 (30 years)	see B1-f	
Cold Wave	0.0195	event-days per year	about 0.0195 days per year	Likely (from Storm Events: 4 of 30 years)	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	0.372	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	91.9	event-days per year	about 91.9 days per year	Likely (from Storm Events: 16 of 30 years)	event-days in 16 of 30 years, 1996 to 2025 (53.3%)	2,632	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00138	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.138%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.137	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	5.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.334	event-days per year	about 0.334 days per year	Likely (from Storm Events: 4 of 30 years)	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	4.82	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 (from Storm Events: 1 of 30 years)	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.57	event-days per year	about 2.57 days per year	Highly likely (from Storm Events: 27 of 30 years)	event-days in 27 of 30 years, 1996 to 2025 (90%)	72	1996 to 2023 (28 years)	see B1-f	
Landslide	2.96	events per year (modeled)	about 2.96 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	51.9	days per year with a strike	about 51.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.286	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	11	1986 to 2023 (38 years)	countywide	
Tornado	0.103	events per year	about 1 in 10 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Volcanic Activity	0.0001	annual probability	about 1 in 10,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00165	annual probability at a location	chance a given location in the county burns in a year: 0.165%	Likely (from Storm Events: 20 of 30 years)	Storm Events records in 20 of 30 years, 1996 to 2025 (66.7%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI.
Winter Weather	25.1	event-days per year	about 25.1 days per year	Highly likely (from Storm Events: 30 of 30 years)	event-days in 30 of 30 years, 1996 to 2025 (100%)	477	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

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

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	29	30	0.967
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	113	30	3.77
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	7	30	0.233
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	6	30	0.2
Tornado	EF0-1	1996 to 2025	10	30	0.333
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Avalanche	5 of 33	83.9	87.0	88.4	Relatively Moderate 5, Not Applicable 28
Cold Wave	33 of 33	19.3	24.5	61.8	Relatively Moderate 1, Relatively Low 32
Drought	24 of 33	68.8	82.6	98.4	Relatively High 1, Relatively Moderate 2, Relatively Low 13, Very Low 8, No Rating 9
Earthquake	33 of 33	33.2	65.8	84.7	Relatively Moderate 6, Relatively Low 26, Very Low 1
Hail	33 of 33	19.8	31.1	46.4	Relatively Low 6, Very Low 27
Heat Wave	33 of 33	2.1	25.1	48.2	Relatively Low 27, Very Low 6
Hurricane	0 of 33				Not Applicable 33
Ice Storm	33 of 33	4.7	14.9	35.6	Relatively Low 1, Very Low 32
Inland Flooding	33 of 33	6.3	48.6	91.8	Relatively High 4, Relatively Moderate 14, Relatively Low 14, Very Low 1
Landslide	33 of 33	12.0	59.5	100.0	Very High 2, Relatively High 1, Relatively Low 7, Very Low 23
Lightning	33 of 33	77.9	97.1	99.4	Very High 21, Relatively High 12

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	33 of 33	9.7	15.5	24.1	Relatively Low 3, Very Low 30
Tornado	33 of 33	5.0	13.9	31.3	Relatively Low 1, Very Low 32
Volcanic Activity	1 of 33	42.2	42.2	42.2	Very Low 1, No Rating 32
Wildfire	28 of 33	20.3	76.8	98.1	Relatively High 2, Relatively Moderate 4, Relatively Low 10, Very Low 12, No Rating 5
Winter Weather	33 of 33	36.8	57.4	82.8	Relatively High 2, Relatively Moderate 24, Relatively Low 7

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	Public Assistance to this jurisdiction	Event records naming this place
			<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>
Mesa County	County	Approved, expires 2031-06-03	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	0 total; 0 since its plan
Collbran town	Town	Plan 111553 approved 2026-06-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	9 total; no approved plan
De Beque town	Town	Approved, expires 2031-06-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	13 total; 0 since its plan
Fruita city	City	Plan 111553 approved 2026-06-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	36 total; no approved plan
Grand Junction city	City	Approved, expires 2031-06-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	65 total; 0 since its plan
Palisade town	Town	Approved, expires 2031-06-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	17 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 <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-06-04 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$10,602,332	n/a	5	\$102	n/a	\$1,731,338	0.000964%				
Cold Wave	\$30,628,377,374	\$79,206,019	153,623	\$269	\$126,147	\$318,544	under 0.0001%				
Drought	n/a	\$42,269,523	n/a	n/a	\$656,081	n/a	1.55% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$55,147,123,176	n/a	155,703	\$2,264,767	n/a	\$502,057	0.00411%				
Hail	\$31,481,000,838	\$121,280,340	155,647	\$55,126	\$2,179	\$20,363	0.000175%				
Heat Wave	\$30,742,820,959	\$88,364,040	153,815	\$133	\$1,929	\$566,074	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$31,481,000,838	n/a	155,647	\$28,373	n/a	\$10,619	under 0.0001%				
Inland Flooding	\$31,470,361,190	\$1,847,836	1,629	\$21,404,582	\$605	\$385,214	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	\$428,764,029	n/a	1,537	\$14,520	n/a	\$2,152,857	0.00339%				
Lightning	\$31,481,000,838	n/a	155,647	\$18,627	n/a	\$2,640,658	under 0.0001%				
Strong Wind	\$31,481,000,838	\$121,280,340	155,647	\$26,593	\$10	\$54,262	under 0.0001%				
Tornado	\$31,481,000,838	\$121,280,340	155,647	\$95,098	\$415	\$103,630	0.000302%				
Volcanic Activity	\$31,481,000,838	n/a	155,647	under \$1	n/a	under \$1	under 0.0001%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-06-04 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$3,349,004,641	\$45,899,849	19,812	\$1,368,460	\$305	\$56,853	0.0409%				
Winter Weather	\$31,480,994,004	\$121,280,340	155,647	\$36,285	\$44	\$87,035	0.000115%				

Totals since 2026-06-04 (Storm Events through 2026-06-30): 0 county-coded records, 0 with a damage value recorded (including \$0), \$0; 0 zone-level records, 0 with a damage value recorded (including \$0), \$0 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	155,647
Building value (total, not at risk)	\$31,481,000,838
Agriculture value (total, not at risk)	\$121,280,340
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$26,100,648
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)	\$8,629,505
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively Moderate
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	1	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 and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	0	0	1	0	1	0	1
of which: Mesa County (unincorporated area)	0	0	1	0	1	0	1
Statewide, no county in FEMA's file	0	0	8	0	8	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

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

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Mesa County	080115	0	0	1	0	1	0	1
Collbran town	080116	0	0	0	0	0	0	0
De Beque town	080307	0	0	0	0	0	0	0
Fruita city	080194	0	0	0	0	0	0	0
Grand Junction city	080117	0	0	0	0	0	0	0
Palisade town	080198	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 <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	0	0	1	0	1	0	1
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 1 property is NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment, organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B. Each section heading names the item its tables support; the plan and FEMA's review decide whether the item is met.

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

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

OpenFEMA disclaimer

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