

El Paso County, CO

Risk-assessment baseline packet

County FIPS: 08041 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 2031-07-01. Plan: El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757), approved 2026-07-02.

Since the plan was approved on 2026-07-02: no new hazard declaration; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$105,195,847 a year), Wildfire (\$41,634,096) and Tornado (\$25,311,706).

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; 08041 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 2031-07-01	Plan:	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)
Approved:	2026-07-02	Days to expiry:	1,735
What changed since your last plan (approved 2026-07-02)			
New federal declarations:	none	Storm Events records since approval:	not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet
Repetitive loss now:	FMA RL 1, SRL 2 (44 CFR 77.2); any definition: 25	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

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Notes
El Paso County	County	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Calhan town	Town	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Colorado Springs city	City	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Fountain city	City	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Green Mountain Falls town	Town	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Manitou Springs city	City	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	Also approved under plan 108903 (City of Manitou Springs, CO Hazard Mitigation Plan 2023, expires 2028-04-04). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Monument town	Town	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Palmer Lake town	Town	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	
Ramah town	Town	Approved, expires 2031-07-01	El Paso County, CO Hazard Mitigation Plan 2026 (FEMA plan 111757)	2026-07-02	2031-07-01	1,735	

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

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

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

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	Cost of expected deaths and injuries FEMA's dollar value per year, not property damage	EAL total (see note) modeled dollars per year	Storm Events records, 1996 to 2026-06-30 count	Why this hazard can be left out NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$98,391,822	\$100,638	\$6,703,387	\$105,195,847	203		
2	Wildfire	Relatively High	Relatively High	\$39,236,448	\$281	\$2,397,367	\$41,634,096	18		
3	Tornado	Relatively High	Relatively High	\$10,036,185	\$2,851	\$15,272,666	\$25,311,706	33		
4	Hail	Relatively High	Very High	\$16,258,602	\$97,946	\$1,543,084	\$17,899,632	1,631		
5	Lightning	Very High	Very High	\$94,876	n/a	\$5,871,429	\$5,966,305	51		
6	Winter Weather	Very High	Very High	\$527,808	under \$1	\$4,958,767	\$5,486,575	294		
7	Cold Wave	Relatively Moderate	Relatively Moderate	\$7,176	\$43,597	\$3,733,258	\$3,784,031	7		
8	Strong Wind	Relatively High	Relatively High	\$1,075,084	\$339	\$1,871,948	\$2,947,371	301		Includes 177 High Wind records (a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition).
9	Heat Wave	Relatively Low	Relatively Moderate	\$374	\$948	\$1,927,880	\$1,929,201	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
10	Earthquake	Relatively Low	Relatively Low	\$1,384,062	n/a	\$263,237	\$1,647,300			Storm Events does not record earthquakes.

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	Cost of expected deaths and injuries FEMA's dollar value per year, not property damage	EAL total (see note) modeled dollars per year	Storm Events records, 1996 to 2026-06-30 count	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
11	Avalanche	Relatively Moderate	Relatively Low	\$2	n/a	\$456,667	\$456,669	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Ice Storm	Relatively Moderate	Relatively Moderate	\$142,348	n/a	\$91,468	\$233,816	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Drought	Relatively Low	Relatively Low	n/a	\$140,171	n/a	\$140,171	1		
14	Landslide	Very Low	Very Low	\$452	n/a	\$696	\$1,148	1		
15	Volcanic Activity	Very Low	Very Low	under \$1	n/a	\$172	\$172	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 tsunamis. 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 67.01 (Relatively Low, 76.6); tract 34.02 (Relatively Low, 76.1); tract 34.01 (Relatively Low, 75.9)
Earthquake	tract 23 (Relatively Low, 63.2); tract 80 (Relatively Low, 61.7); tract 21.01 (Relatively Low, 56.3)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 34.01 (Relatively Low, 87.4); tract 37.13 (Relatively Low, 86.8); tract 33.06 (Relatively Low, 84.4)
Tornado	tract 75.02 (Relatively High, 90.1); tract 74.01 (Relatively High, 84.6); tract 73.01 (Relatively High, 82.9)
Volcanic Activity	tract 51.22 (Very Low, 74.9); tract 65.02 (Very Low, 74.8); tract 33.03 (Very Low, 74.7)
Wildfire	tract 75.02 (Very High, 99.7); tract 37.13 (Very High, 99.5); tract 34.01 (Very High, 99.3)

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 67.01 is Census Tract 67.01). 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)	0					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	7 records, 1996 to 2022 (7 zone-level)	2 days to 4 days (median 2 days); 6 with a recorded value	4 consecutive days, 1996-02-01 to 1996-02-04, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Drought	U.S. Drought Monitor scale (D0 to D4)	1 record, 2002 (1 zone-level)	31 days; 1 with a recorded value	31 days (1 month), 2002-07-01 to 2002-07-31, 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)	1,911 records, 1955 to 2025	0.5 in to 4.5 in (median 1 in); 1,910 with a recorded value	4.5 in hail, 2004-08-09	Hail, 2018-08-06, \$172,800,000 property; \$0 crops (2018 dollars)	Event records naming jurisdictions in the plan: Colorado Springs city (332 records), Monument town (92 records), Calhan town (84 records), Fountain city (77 records), Manitou Springs city (58 records), Ramah town (35 records), Palmer Lake town (10 records), Green Mountain Falls town (2 records).	
Excessive Heat, Heat	heat index (in event narratives)	0					
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)	0					
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	203 records, 1996 to 2025 (2 zone-level)		Flash Flood, 1999-04-29, \$28,000,000 property; crops not reported (1999 dollars)		Event records naming jurisdictions in the plan: Colorado Springs city (51 records), Manitou Springs city (25 records), Fountain city (18 records), Green Mountain Falls town (8 records), Calhan town (5 records), Monument town (2 records), Palmer Lake town (2 records). Zone-level records (2) 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)	1 record, 2020		No damage reported in 1 record.		Event records naming jurisdictions in the plan: Manitou Springs city (1 record).	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	51 records, 1996 to 2017		Lightning, 2007-09-02, \$0 property; \$0 crops (2007 dollars), 1 direct death, 3 direct injuries	Lightning, 2009-07-27, \$200,000 property; \$0 crops (2009 dollars)	Event records naming jurisdictions in the plan: Colorado Springs city (25 records), Monument town (5 records), Calhan town (2 records), Fountain city (2 records), Green Mountain Falls town (1 record), Manitou Springs city (1 record), Ramah 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)	177 records, 1996 to 2026 (177 zone-level)	45 kt (52 mph) to 95 kt (109 mph) (median 63 kt (72 mph)); 177 with a recorded value	95 kt (109 mph) measured gust, High Wind, 2011-11-12; NWS zone COZ082	High Wind, 2017-01-09, \$20,000,000 property; \$0 crops (zone total, 2017 dollars)	Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Thunderstorm Wind	wind speed (kt and mph)	168 records, 1965 to 2025	50 kt (58 mph) to 105 kt (121 mph) (median 53 kt (61 mph)); 153 with a recorded value	105 kt (121 mph) estimated, Thunderstorm Wind, 2001-05-28, 7 direct injuries	Thunderstorm Wind, 2006-05-22, \$1,250,000 property; crops not reported (2006 dollars)	Event records naming jurisdictions in the plan: Colorado Springs city (15 records), Fountain city (10 records), Monument town (7 records), Calhan town (6 records), Ramah town (6 records), Manitou Springs city (2 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	96 records, 1951 to 2023	F/EF0 to F/EF3 (median F/EF0); 91 with a recorded value	F3 tornado, 1979-06-24, 4.3 mi path length (whole path, pre-1996), 50 yd wide, \$250,000 property; crops not recorded (1979 dollars), 1 direct injury	Tornado, 2001-05-28, \$8,000,000 property; crops not reported (2001 dollars)	Event records naming jurisdictions in the plan: Ramah town (6 records), Colorado Springs city (3 records), Calhan town (2 records), Fountain city (2 records).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	18 records, 2000 to 2018 (13 zone-level)		Wildfire, 2012-06-26, \$400,000,000 property; \$0 crops (2012 dollars), 2 direct deaths (reported for the zone); NWS zone COZ084		Event records naming jurisdictions in the plan: Fountain city (2 records), Colorado Springs city (1 record). Zone-level records (13) apply countywide.	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	294 records, 1996 to 2026 (294 zone-level)		Blizzard, 2001-04-11, \$4,000,000 property; crops not reported (2001 dollars); Storm Events area NORTHERN EL PASO COUNTY/ MONUMENT RIDGE (legacy zone code COZ072)		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, lightning and volcanic ash, volcanic ashfall.

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 20 declarations covering 14 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Storm Events records since the plan: not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet.

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2023-08-25	2023-06-08	DR-4731-CO	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding (primary); also designated: Tornado	\$8,155,099.04	within last 5 years	
2020-03-28	2020-01-20	DR-4498-CO	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$474,230.17		
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
2015-07-16	2015-05-04	DR-4229-CO	Major disaster	Severe Storms, Tornadoes, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide, Tornado	\$8,919,833.47		
2013-09-14	2013-09-11	DR-4145-CO	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$7,799,783.80		
2013-09-12	2013-09-11	EM-3365-CO	Emergency	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		same incident as DR-4145
2013-07-26	2013-06-11	DR-4134-CO	Major disaster	Black Forest Wildfire	Wildfire	\$1,542,712.29		
2013-06-11	2013-06-11	FM-5027-CO	Fire management	Black Forest Fire	Wildfire	no Public Assistance recorded		same incident as DR-4134
2012-06-28	2012-06-09	DR-4067-CO	Major disaster	High Park and Waldo Canyon Wildfires	Wildfire	\$1,646,851.45		
2012-06-24	2012-06-23	FM-2984-CO	Fire management	Waldo Canyon Fire	Wildfire	no Public Assistance recorded		same incident as DR-4067
2007-01-07	2006-12-18	EM-3270-CO	Emergency	Snow	Winter Weather	\$187,784.43		
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		
2003-04-09	2003-03-17	EM-3185-CO	Emergency	Snow	Winter Weather	\$125,615.67		
2002-06-19	2002-04-23	DR-1421-CO	Major disaster	Wildfires	Wildfire	PA not declared for this county		
1999-05-17	1999-04-29	DR-1276-CO	Major disaster	Co-Flooding 4/30/99	Inland Flooding; Landslide	\$2,953,964.50		
1977-01-29	1977-01-29	EM-3025-CO	Emergency	Drought	Drought	no Public Assistance recorded		
1976-08-02	1976-08-02	DR-517-CO	Major disaster	Severe Storms & Flash Flooding	Inland Flooding	no Public Assistance recorded		
1973-05-23	1973-05-23	DR-385-CO	Major disaster	Heavy Rains, Snowmelt and Flooding	Inland Flooding	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1969-05-19	1969-05-19	DR-261-CO	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1965-06-19	1965-06-19	DR-200-CO	Major disaster	Tornadoes, Severe Storms & Flooding	Tornado (primary); also designated: Inland Flooding	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	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	7		0	1	0	0	1996 to 2026-06-30	
Drought	1		0	0	1	0	1996 to 2026-06-30	
Earthquake	0		0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	1,911		26	284	0	0	1955 to 2026-06-30	
Heat Wave	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Hurricane	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	203		8	30	8	0	1996 to 2026-06-30	
Landslide	1		0	0	3	0	1996 to 2026-06-30	

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
Lightning	51		0	0	0	0	1996 to 2026-06-30	
Strong Wind	345		10	71	0	0	1955 to 2026-06-30	Includes 177 High Wind records.
Tornado	96		0	3	3	0	1950 to 2026-06-30	
Volcanic Activity	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	18		0	0	3	0	1996 to 2026-06-30	
Winter Weather	294		7	85	2	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	Why listed
2017-01-09	High Wind	90 kt (104 mph) estimated gust	\$20,000,000 property; \$0 crops (zone total, 2017 dollars)	2, 0	NWS zone COZ085 (COLORADO SPRINGS VICINITY / SOUTHERN EL PASO COUNTY / RAMPART RANGE BELOW 7500 FT), zone-level	deaths or injuries recorded
2012-06-26	Wildfire		\$400,000,000 property; \$0 crops (zone total, 2012 dollars)	2, 0	NWS zone COZ084 (NORTHERN EL PASO COUNTY / MONUMENT RIDGE / RAMPART RANGE BELOW 7500 FT), zone-level	deaths or injuries recorded
2011-11-12	High Wind	95 kt (109 mph) measured gust	\$0 property; \$0 crops (zone total, 2011 dollars)	0, 0	NWS zone COZ082 (PIKES PEAK ABOVE 11000 FT), zone-level	B1-c worst recorded: High Wind and Strong Wind
2007-09-02	Lightning		\$0 property; \$0 crops (2007 dollars)	1, 3	COLORADO SPGS	B1-c worst recorded: Lightning
2004-08-09	Hail	4.5 in	damage not reported	0, 0	RAMAH	B1-c worst recorded: Hail
2002-07-01	Drought		damage not reported	0, 0	Storm Events area NORTHERN EL PASO COUNTY/ MONUMENT RIDGE (legacy zone code COZ072), zone-level	B1-c worst recorded: Drought
2001-05-28	Thunderstorm Wind	105 kt (121 mph) estimated	\$400,000 property; crops not reported (2001 dollars)	0, 7	ELLCOTT	B1-c worst recorded: Thunderstorm Wind
2001-04-11	Blizzard		\$4,000,000 property; crops not reported (zone total, 2001 dollars)	0, 0	Storm Events area NORTHERN EL PASO COUNTY/ MONUMENT RIDGE (legacy zone code COZ072), zone-level	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1999-04-29	Flash Flood		\$28,000,000 property; crops not reported (1999 dollars)	0, 0	MANITOU SPGS	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1997-10-24	Blizzard		\$300,000 property; crops not reported (zone total, 1997 dollars)	4, 2	Storm Events area SOUTHERN EL PASO COUNTY/ COLORADO SPRINGS AND VICINITY (legacy zone code COZ071), zone-level	deaths or injuries recorded
1996-02-01	Cold/Wind Chill		damage not reported	0, 0	NWS zone COZ081 (TELLER COUNTY / RAMPART RANGE ABOVE 7500 FT / PIKES PEAK BETWEEN 7500 & 11000 FT), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1979-06-24	Tornado	F3, 4.3 mi path length (whole path, pre-1996), 50 yd wide	\$250,000 property; crops not recorded (1979 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" (2,927 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	0.0333	events per year	about 1 in 30 years	Possible	FEMA annualized frequency (modeled)	1	1994 to 2023 (30 years)	see B1-f	
Cold Wave	1.6	event-days per year	about 1.6 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	30.4	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	47.5	event-days per year	about 47.5 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	1,708	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000556	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0556%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	6.68	events per year	about 6.68 per year	Highly likely	FEMA annualized frequency (modeled)	253.8 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.733	event-days per year	about 0.733 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	5.71	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events heat wave record, 1996 to 2025
Hurricane		events per year					1851 to 2024 (Atlantic)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Ice Storm	0.0156	event-days per year	about 0.0156 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	1	1946-12-31 to 2014-02-12 (67 years)	countywide	No Storm Events ice storm record, 1996 to 2025
Inland Flooding	4.11	event-days per year	about 4.11 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	115	1996 to 2023 (28 years)	see B1-f	
Landslide	0.501	events per year (modeled)	about 0.5 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	59.3	days per year with a strike	about 59.3 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.884	events per year	about 0.88 per year	Likely	FEMA annualized frequency (modeled)	34	1986 to 2023 (38 years)	countywide	
Tornado	1.48	events per year	about 1.48 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	

Hazard	FEMA annualized frequency (modeled)	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
	<i>unit per row</i>									
Volcanic Activity	0.0001	annual probability	about 1 in 10,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown		modeled	see B1-f	
Wildfire	0.0053	annual probability at a location	chance a given location in the county burns in a year: 0.53%	Likely	Storm Events records in 9 of 30 years, 1996 to 2025 (30%)	not shown		modeled	see B1-f	
Winter Weather	14.5	event-days per year	about 14.5 days per year	Highly likely	Storm Events event-days in 30 of 30 years, 1996 to 2025 (100%)	276		2005-11-12 to 2024-11-12 (19 years)	countywide	

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

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

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

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

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	1,089	30	36.3
Hail	2.00 in+	1996 to 2025	104	30	3.47
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	108	30	3.6
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	15	30	0.5
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	28	30	0.933
Tornado	EF2-3	1996 to 2025	2	30	0.0667
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	3	30	0.1

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	10 of 167	73.7	74.5	76.6	Relatively Low 10, Not Applicable 157
Cold Wave	167 of 167	20.5	30.2	47.6	Relatively Moderate 1, Relatively Low 166
Drought	15 of 167	68.1	79.7	95.1	Relatively Moderate 1, Relatively Low 7, Very Low 7, No Rating 152
Earthquake	167 of 167	6.1	21.6	63.2	Relatively Low 11, Very Low 156
Hail	167 of 167	71.6	88.2	97.8	Relatively High 80, Relatively Moderate 87
Heat Wave	167 of 167	3.0	12.7	31.6	Relatively Low 43, Very Low 124
Hurricane	0 of 167				Not Applicable 167
Ice Storm	167 of 167	4.1	14.2	37.8	Relatively Low 8, Very Low 159
Inland Flooding	167 of 167	0.7	34.9	97.3	Very High 3, Relatively High 16, Relatively Moderate 39, Relatively Low 75, Very Low 34
Landslide	162 of 167	8.7	15.9	87.4	Relatively Low 3, Very Low 159, No Rating 5
Lightning	167 of 167	40.1	79.2	96.1	Very High 1, Relatively High 94, Relatively Moderate 70, Relatively Low 2

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	167 of 167	21.9	44.6	74.6	Relatively Moderate 43, Relatively Low 124
Tornado	167 of 167	41.9	62.1	90.1	Relatively High 23, Relatively Moderate 118, Relatively Low 26
Volcanic Activity	167 of 167	42.1	56.7	74.9	Very Low 167
Wildfire	162 of 167	18.8	80.2	99.7	Very High 8, Relatively High 33, Relatively Moderate 24, Relatively Low 29, Very Low 68, No Rating 5
Winter Weather	167 of 167	78.6	95.0	99.4	Very High 58, Relatively High 108, Relatively Moderate 1

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

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

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

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

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
El Paso County	County	Approved, expires 2031-07-01	FMA RL 0, SRL 1; any 6	\$9,299,611.21	0 total; not yet covered	Includes \$168,395.43 for declarations not counted as hazard incidents (DR-4498-CO).
Calhan town	Town	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 0	\$4,653.73	99 total; not yet covered	
Colorado Springs city	City	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 10	\$15,616,073.42	427 total; not yet covered	Includes \$179,965.42 for declarations not counted as hazard incidents (DR-4498-CO).
Fountain city	City	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 0	\$1,095,059.18	111 total; not yet covered	
Green Mountain Falls town	Town	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 0	\$135,983.82	11 total; not yet covered	
Manitou Springs city	City	Approved, expires 2031-07-01	FMA RL 1, SRL 1; any 9	no Public Assistance recorded	87 total; not yet covered	Also approved under plan 108903 (City of Manitou Springs, CO Hazard Mitigation Plan 2023, expires 2028-04-04). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Monument town	Town	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 0	\$39,762.46	106 total; not yet covered	Includes \$30,837.49 for declarations not counted as hazard incidents (DR-4498-CO).
Palmer Lake town	Town	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 0	\$28,911	12 total; not yet covered	
Ramah town	Town	Approved, expires 2031-07-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	48 total; not yet covered	

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-07-02 <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	\$2,225,623	n/a	10	\$2	n/a	\$456,667	0.0001%				
Cold Wave	\$119,638,635,049	\$41,073,151	729,693	\$7,176	\$43,597	\$3,733,258	under 0.0001%				
Drought	n/a	\$13,422,564	n/a	n/a	\$140,171	n/a	1.04% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$202,706,518,473	n/a	730,395	\$1,384,062	n/a	\$263,237	0.000683%				
Hail	\$119,638,635,049	\$41,073,151	729,693	\$16,258,602	\$97,946	\$1,543,084	0.0136%				
Heat Wave	\$119,224,937,157	\$41,068,161	727,680	\$374	\$948	\$1,927,880	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$119,638,635,049	n/a	729,693	\$142,348	n/a	\$91,468	0.000119%				
Inland Flooding	\$119,619,969,769	\$4,219,914	6,486	\$98,391,822	\$100,638	\$6,703,387	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	\$3,667,185,113	n/a	18,954	\$452	n/a	\$696	under 0.0001%				
Lightning	\$119,638,635,049	n/a	729,693	\$94,876	n/a	\$5,871,429	under 0.0001%				
Strong Wind	\$119,638,635,049	\$41,073,151	729,693	\$1,075,084	\$339	\$1,871,948	0.000899%				
Tornado	\$119,638,635,049	\$41,073,151	729,693	\$10,036,185	\$2,851	\$15,272,666	0.00839%				
Volcanic Activity	\$119,638,635,049	n/a	729,693	under \$1	n/a	\$172	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 2026-07-02 <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	\$24,846,500,054	\$30,267,716	191,406	\$39,236,448	\$281	\$2,397,367	0.158%				
Winter Weather	\$119,638,635,049	\$41,073,151	729,693	\$527,808	under \$1	\$4,958,767	0.000441%				

Totals since 2026-07-02: Storm Events not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet; 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	729,693
Building value (total, not at risk)	\$119,638,635,049
Agriculture value (total, not at risk)	\$41,073,151
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$167,542,010
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)	\$45,092,025
Social vulnerability rating	Very 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)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	2
Repetitive loss, NFIP insurance definition	24	Severe repetitive loss, NFIP insurance definition	1

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	1	2	24	1	25	0	5
of which: El Paso County (unincorporated area)	0	1	6	1	6	0	0
of which: Colorado Springs city	0	0	10	0	10	0	1
of which: Manitou Springs city	1	1	8	0	9	0	4
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>
El Paso County	080059	0	1	6	1	6	0	0
Calhan town	080192	0	0	0	0	0	0	0
Colorado Springs city	080060	0	0	10	0	10	0	1
Fountain city	080061	0	0	0	0	0	0	0
Green Mountain Falls town	080062	0	0	0	0	0	0	0
Manitou Springs city	080063	1	1	8	0	9	0	4
Monument town	080064	0	0	0	0	0	0	0
Palmer Lake town	080065	0	0	0	0	0	0	0
Ramah town	080066	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	1	2	14	1	15	0	1
2 to 4 unit residential	0	0	1	0	1	0	0
other residential	0	0	3	0	3	0	1
non-residential	0	0	6	0	6	0	3
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 1 property is FMA repetitive loss but not NFIP repetitive loss, and 24 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):

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

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

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