

Sutter County, CA

Risk-assessment baseline packet

County FIPS: 06101 **Release:** 2026-10 **Data as of:** 2026-09-30 **Storm Events data through:** 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2027-01-12. Plan: Sutter County (FEMA plan 107682), approved 2022-01-13.

Since the plan was approved on 2022-01-13: 3 new hazard declarations (2 incidents): EM-3591-CA (Severe Winter Storms, Flooding, and Mudslides), DR-4683-CA (Severe Winter Storms, Flooding, Landslides, and Mudslides), DR-4769-CA (Severe Winter Storms, Tornadoes, Flooding, Landslides, and Mudslides).

NOAA Storm Events records since that date: 55 records (data through 2026-06-30).

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Drought (\$20,943,222 a year), Inland Flooding (\$12,089,349) and Earthquake (\$9,767,592).

Repetitive-loss flood properties now: FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 12.

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; 06101 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 2027-01-12	Plan:	Sutter County (FEMA plan 107682)
Approved:	2022-01-13	Days to expiry:	104
Update underway:	none recorded in FEMA's plan tracker		

What changed since your last plan (approved 2022-01-13)

New federal declarations:	3 new hazard declarations (2 incidents): EM-3591-CA (Severe Winter Storms, Flooding, and Mudslides), DR-4683-CA (Severe Winter Storms, Flooding, Landslides, and Mudslides), DR-4769-CA (Severe Winter Storms, Tornadoes, Flooding, Landslides, and Mudslides)	Storm Events records since approval:	55 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 12	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>
Sutter County	County	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Live Oak city	City	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Yuba City city	City	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Levee District 9	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Levee District One	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Reclamation District 1001	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Reclamation District 1500	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Reclamation District 1660	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Reclamation District 70	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104
Sutter Butte Flood Control District	Flood Control District	Approved, expires 2027-01-12	Sutter County (FEMA plan 107682)	2022-01-13	2027-01-12	104

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 <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
1	Drought	Very High	Very High	n/a	\$20,943,222	n/a	\$20,943,222	47		
2	Inland Flooding	Relatively Low	Relatively Low	\$12,027,397	\$59,648	\$2,304	\$12,089,349	33		
3	Earthquake	Relatively Moderate	Relatively Moderate	\$7,801,658	n/a	\$1,965,934	\$9,767,592			Storm Events does not record earthquakes.
4	Heat Wave	Relatively Moderate	Relatively Low	\$14	\$5,675	\$1,324,494	\$1,330,183	51		
5	Wildfire	Relatively Low	Relatively Low	\$245,781	\$755	\$25,152	\$271,688	17		
6	Lightning	Relatively Low	Relatively Low	\$3,622	n/a	\$195,707	\$199,328	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
7	Tornado	Very Low	Very Low	\$82,610	\$1,805	\$39,079	\$123,495	6		
8	Strong Wind	Very Low	Very Low	\$7,172	\$10,226	\$20,882	\$38,280	64		Includes 37 High Wind and 26 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
9	Hail	Very Low	Very Low	\$1,111	\$10,816	\$13,640	\$25,567	4		
10	Winter Weather	Very Low	Very Low	\$47	under \$1	\$3,438	\$3,485	2		
11	Landslide	Very Low	Very Low	\$123	n/a	\$874	\$997	0		Declared 9 times; no Storm Events record of this type.

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
12	Volcanic Activity	Very Low	Very Low	under \$1	n/a	\$24	\$24	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Cold Wave	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	30		Includes 8 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
	Avalanche	Not Applicable	Not Applicable					1	NRI rates this Not Applicable, but 1 Storm Events record of this type exists since 1996; review before omitting.	
	Coastal Flooding	Not Applicable	Not Applicable					0		Declared 1 time; no Storm Events record of this type.
	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-3248-CA 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 lightning, landslide and volcanic activity records (Storm Events records these hazards only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: ice storm 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, 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	no tract has a National Risk Index rating for this hazard
Coastal Flooding	no tract has a National Risk Index rating for this hazard
Earthquake	tract 505.01 (Relatively High, 91.3); tract 502.02 (Relatively High, 89.6); tract 507.02 (Relatively High, 89.4)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 508 (Relatively Low, 92.4); tract 509 (Very Low, 72.2); tract 510 (Very Low, 52.0)
Tornado	tract 501.01 (Very Low, 23.8); tract 505.01 (Very Low, 23.5); tract 506.01 (Very Low, 21.6)
Volcanic Activity	tract 501.01 (Very Low, 76.6); tract 503.02 (Very Low, 75.3); tract 507.02 (Very Low, 75.2)
Wildfire	tract 508 (Relatively Moderate, 95.7); tract 511 (Relatively Moderate, 92.2); tract 507.02 (Relatively Moderate, 91.9)

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 505.01 is Census Tract 505.01). 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)	1 record, 2023 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	Physical measure: in event narratives only (local data needed).
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	22 records, 1998 to 2025 (22 zone-level)	1 day to 11 days (median 1 day); 9 with a recorded value	11 consecutive days, 1998-12-19 to 1998-12-29, zone-level	Cold/Wind Chill, 1998-12-19, property not reported; \$2,400,000 crops, reported for the zone (1998 dollars)	Countywide (zone-level records).	Wind chill: in event narratives only (local data needed). Cold/ Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	8 records, 2005 to 2024 (8 zone-level)		Frost/Freeze, 2007-01-14, \$5,000,000 crop damage (2007 dollars); NWS zone CAZ017		Countywide (zone-level records).	Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	47 records, 2014 to 2023 (47 zone-level)	31 days to 460 days (median 122 days); 7 with a recorded value	460 days (about 15.1 months), 2021-10-08 to 2023-01-10, a run of 16 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)	4 records, 2016 to 2017	1 in to 1.25 in (median 1 in); 4 with a recorded value	1.25 in hail, 2016-05-05		Event records naming jurisdictions in the plan: Yuba City city (3 records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Excessive Heat, Heat	heat index (in event narratives)	51 records, 1999 to 2024 (51 zone-level)	1 day to 31 days (median 3 days); 37 with a recorded value	July 2005 (1 monthly summary record), 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.
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.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	33 records, 1996 to 2025 (19 zone-level)		Flood, 1998-02-02, \$4,300,000 property; \$7,800,000 crops (1998 dollars); NWS zone CAZ017		No event record names a jurisdiction in the plan. Zone-level records (19) 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)	0					Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	0					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)	63 records, 1996 to 2025 (63 zone-level)	25 kt (29 mph) to 87 kt (100 mph) (median 43.5 kt (50 mph)); 62 with a recorded value	87 kt (100 mph), measurement type not recorded, High Wind, 1996-01-01; NWS zone CAZ016	High Wind, 2008-01-04, \$7,110,000 property; \$30,000,000 crops, reported for the zone (2008 dollars)	Countywide (zone-level records).	Speeds under 20 kt (likely entry errors) are left out of the observed range.
Thunderstorm Wind	wind speed (kt and mph)	1 record, 2019	50 kt (58 mph); 1 with a recorded value	50 kt (58 mph) estimated gust, Thunderstorm Wind, 2019-02-02		No event record names a jurisdiction in the plan.	

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)	6 records, 2005 to 2019	F/EF0 to F/EF1 (median F/EF0); 6 with a recorded value	EF1 tornado, 2012-10-22, 2 mi within this county, 100 yd wide, damage not reported	Tornado, 2005-05-09, \$85,000 property; \$5,000 crops (2005 dollars)	Event records naming jurisdictions in the plan: Yuba City 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					Physical measure: in event narratives only (local data needed).
Wildfire	acres burned (local data)	17 records, 2008 to 2024 (17 zone-level)		Wildfire, 2024-07-02, \$5,200,000 property; \$0 crops (2024 dollars); NWS zone CAZ016		Countywide (zone-level records).	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)	2 records, 1996 to 2009 (2 zone-level)		No damage reported in 2 records.		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.

A monthly summary record covers most or all of a month; it does not count days at wave conditions.

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 20 declarations covering 15 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-04-13	2024-01-31	DR-4769-CA	Major disaster	Severe Winter Storms, Tornadoes, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Tornado; Winter Weather	\$314,687.71	new since last plan; within last 5 years	
2023-01-14	2022-12-27	DR-4683-CA	Major disaster	Severe Winter Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide, Winter Weather	\$640,381.01	new since last plan; within last 5 years	
2023-01-09	2023-01-08	EM-3591-CA	Emergency	Severe Winter Storms, Flooding, and Mudslides	Inland Flooding (primary); also designated: Landslide, Winter Weather	no Public Assistance recorded	new since last plan; within last 5 years	same incident as DR-4683
2020-03-22	2020-01-20	DR-4482-CA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$484,667.91		
2020-03-13	2020-01-20	EM-3428-CA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4482
2017-04-01	2017-02-01	DR-4308-CA	Major disaster	Severe Winter Storms, Flooding, and Mudslides	Inland Flooding (primary); also designated: Landslide, Winter Weather	\$4,889,248.82		
2017-02-14	2017-02-07	EM-3381-CA	Emergency	Potential Failure of the Emergency Spillway at Oroville Lake	Other, not an NRI hazard; not counted	no Public Assistance recorded		
2017-02-14	2017-01-03	DR-4301-CA	Major disaster	Severe Winter Storms, Flooding, and Mudslides	Inland Flooding; Landslide; Winter Weather	\$1,650,004.06		
2006-02-03	2005-12-17	DR-1628-CA	Major disaster	Severe Storms, Flooding, Mudslides, and Landslides	Inland Flooding; Landslide	\$2,183,063.44		
2005-09-13	2005-08-29	EM-3248-CA	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
1998-02-09	1998-02-02	DR-1203-CA	Major disaster	Severe Winter Storms and Flooding	Inland Flooding; Winter Weather	no Public Assistance recorded		
1997-01-04	1996-12-28	DR-1155-CA	Major disaster	Severe Storms, Flooding, Mud and Landslides	Inland Flooding; Landslide	no Public Assistance recorded		
1995-03-12	1995-02-13	DR-1046-CA	Major disaster	Severe Winter Storms, Flooding Landslides, Mud Flow	Inland Flooding; Landslide; Winter Weather	no Public Assistance recorded		
1995-01-10	1995-01-03	DR-1044-CA	Major disaster	Severe Winter Storms, Flooding, Landslides, Mud Flows	Inland Flooding; Landslide; Winter Weather	no Public Assistance recorded		
1991-02-11	1990-12-19	DR-894-CA	Major disaster	Severe Freeze	Cold Wave	PA not declared for this county		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1986-02-21	1986-02-12	DR-758-CA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1983-02-09	1983-01-21	DR-677-CA	Major disaster	Coastal Storms, Floods, Slides & Tornadoes	Coastal Flooding; Inland Flooding; Landslide; Tornado	no Public Assistance recorded		
1977-01-20	1977-01-20	EM-3023-CA	Emergency	Drought	Drought	no Public Assistance recorded		
1970-02-16	1970-02-16	DR-283-CA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1964-12-24	1964-12-24	DR-183-CA	Major disaster	Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$693,712.34 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan participants in this county. They have no row of their own in the jurisdiction table, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county), so this line is not added to it.

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
1964-04-01	1964-04-01	DR-169-CA	Major disaster	Seismic Sea Wave	Tsunami
1963-12-21	1963-12-21	DR-161-CA	Major disaster	Flood Due to Broken Dam	Other, not an NRI hazard; not counted
1963-02-25	1963-02-25	DR-145-CA	Major disaster	Severe Storms, Heavy Rains & Flooding	Inland Flooding
1962-10-24	1962-10-24	DR-138-CA	Major disaster	Severe Storms & Flooding	Inland Flooding
1962-03-06	1962-03-06	DR-122-CA	Major disaster	Floods	Inland Flooding
1961-11-16	1961-11-16	DR-119-CA	Major disaster	Fire (Los Angeles County)	Wildfire
1958-04-04	1958-04-04	DR-82-CA	Major disaster	Heavy Rainstorms & Flood	Inland Flooding
1956-12-29	1956-12-29	DR-65-CA	Major disaster	Forest Fire	Wildfire
1955-12-23	1955-12-23	DR-47-CA	Major disaster	Flood	Inland Flooding
1954-02-05	1954-02-05	DR-15-CA	Major disaster	Flood & Erosion	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.

5 Fire Management declarations (1977-08-07 to 1988-09-13) 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	1	1	0	1	0	0	1996 to 2026-06-30	
Coastal Flooding	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Cold Wave	30	8	1	8	1	0	1996 to 2026-06-30	Includes 8 Frost/Freeze records.
Drought	47	12	12	16	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	4	0	0	0	0	0	1955 to 2026-06-30	
Heat Wave	51	9	7	9	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
Inland Flooding	33	10	2	12	13	2	1996 to 2026-06-30	
Landslide	0	0	0	0	9	2	1996 to 2026-06-30	No Storm Events records of this type; 9 federal declared incidents (see declarations table)
Lightning	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Strong Wind	64	11	4	13	0	0	1955 to 2026-06-30	Includes 37 High Wind and 26 Strong Wind records.
Tornado	6	0	0	0	2	1	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	17	4	0	4	0	0	1996 to 2026-06-30	
Winter Weather	2	0	0	0	7	2	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
2024-07-02	Wildfire		\$5,200,000 property; \$0 crops, reported for the zone (2024 dollars)	0, 0	NWS zone CAZ016 (CENTRAL SACRAMENTO VALLEY), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Wildfire
2024-02-04	High Wind	59 kt (68 mph) measured gust	\$400,000 property; \$0 crops, reported for the zone (2024 dollars)	2, 0	NWS zone CAZ017 (SOUTHERN SACRAMENTO VALLEY), zone-level	new since last plan; within last 5 years	deaths or injuries recorded
2021-10-08	Drought		\$0 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone CAZ016 (CENTRAL SACRAMENTO VALLEY), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Drought
2019-02-02	Thunderstorm Wind	50 kt (58 mph) estimated gust	\$0 property; \$0 crops (2019 dollars)	0, 0	YUBA CITY SOUTH		B1-c worst recorded: Thunderstorm Wind
2017-10-08	Wildfire		damage not reported	4, 0	NWS zone CAZ016 (CENTRAL SACRAMENTO VALLEY), zone-level		deaths or injuries recorded
2017-06-17	Excessive Heat		damage not reported	2, 2	NWS zone CAZ016 (CENTRAL SACRAMENTO VALLEY), zone-level		deaths or injuries recorded
2016-05-05	Hail	1.25 in	damage not reported	0, 0	YUBA CITY		B1-c worst recorded: Hail
2012-10-22	Tornado	EF1, 2 mi within this county, 100 yd wide	damage not reported	0, 0	YUBA CITY SOUTH		B1-c worst recorded: Tornado
2007-01-14	Frost/Freeze		\$200,000 property; \$5,000,000 crops, reported for the zone (2007 dollars)	0, 0	NWS zone CAZ017 (SOUTHERN SACRAMENTO VALLEY), zone-level		B1-c worst recorded: Frost/ Freeze
2005-07-01	Heat		damage not reported	0, 0	NWS zone CAZ017 (YOLO T W/NE SOLANO/ SACRAMENTO T X SW/X W PLACER/X W AMADOR/S SUTTER), zone-level		B1-c worst recorded: Excessive Heat, Heat
1998-02-02	Flood		\$4,300,000 property; \$7,800,000 crops, reported for the zone (1998 dollars)	0, 0	NWS zone CAZ017 (SOUTHERN SACRAMENTO VALLEY), zone-level		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1996-01-01	High Wind	87 kt (100 mph), measurement type not recorded	damage not reported	0, 0	NWS zone CAZ016 (CENTRAL SACRAMENTO VALLEY), zone-level		B1-c worst recorded: High Wind and Strong Wind

The full list is in the Excel file, sheet "B1-d Storm Events history" (255 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		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0	event-days per year	none modeled	Likely (from Storm Events: 12 of 30 years)	event-days in 12 of 30 years, 1996 to 2025 (40%)	0	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI models no cold wave event-days here (2005-11-12 to 2024-11-12, 19 years); Storm Events has a record in 12 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out.
Drought	64.8	event-days per year	about 64.8 days per year	Likely (from Storm Events: 7 of 30 years)	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	1,638	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.0416	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 4.16%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.0754	events per year	about 1 in 13 years	Possible	FEMA annualized frequency (modeled)	2.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	7.65	event-days per year	about 7.65 days per year	Likely (from Storm Events: 13 of 30 years)	event-days in 13 of 30 years, 1996 to 2025 (43.3%)	85.9	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane		events per year					1851 to 2024 (Atlantic); 1949 to 2024 (Pacific)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Inland Flooding	0.607	event-days per year	about 0.607 days per year	Likely (from Storm Events: 10 of 30 years)	event-days in 10 of 30 years, 1996 to 2025 (33.3%)	17	1996 to 2023 (28 years)	see B1-f	
Landslide	3.05	events per year (modeled)	about 3.05 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	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>								
Lightning	8.43	days per year with a strike	about 8.43 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0203	events per year	about 1 in 49 years	Possible	FEMA annualized frequency (modeled)	1	1986 to 2023 (38 years)	countywide	
Tornado	0.0801	events per year	about 1 in 12 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Volcanic Activity	0.0001	annual probability	about 1 in 10,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00346	annual probability at a location	chance a given location in the county burns in a year: 0.346%	Likely (from Storm Events: 7 of 30 years)	Storm Events records in 7 of 30 years, 1996 to 2025 (23.3%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI.
Winter Weather	0.223	event-days per year	about 0.223 days per year	Possible (from Storm Events: 2 of 30 years)	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	4.23	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 tsunامي 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	4	30	0.133
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	0	30	0
Tornado	EF0-1	1996 to 2025	6	30	0.2
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	0 of 21				Not Applicable 21
Coastal Flooding	0 of 21				Not Applicable 21
Cold Wave	0 of 21				No Rating 21
Drought	17 of 21	80.4	96.6	100.0	Very High 4, Relatively High 3, Relatively Moderate 6, Relatively Low 4, No Rating 4
Earthquake	21 of 21	80.2	86.2	91.3	Relatively High 4, Relatively Moderate 17
Hail	21 of 21	12.4	22.3	46.0	Relatively Low 1, Very Low 20
Heat Wave	21 of 21	37.7	70.1	85.1	Relatively High 1, Relatively Moderate 15, Relatively Low 5
Hurricane	0 of 21				Not Applicable 21
Inland Flooding	21 of 21	21.1	52.4	74.3	Relatively Moderate 14, Relatively Low 7
Landslide	20 of 21	10.6	30.7	92.4	Relatively Low 1, Very Low 19, No Rating 1
Lightning	21 of 21	19.9	47.5	67.5	Relatively Moderate 10, Relatively Low 10, Very Low 1

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	21 of 21	8.7	13.4	24.7	Relatively Low 1, Very Low 20
Tornado	21 of 21	7.5	16.0	23.8	Very Low 21
Volcanic Activity	21 of 21	45.0	67.9	76.6	Very Low 21
Wildfire	16 of 21	27.0	73.6	95.7	Relatively Moderate 4, Relatively Low 5, Very Low 7, No Rating 5
Winter Weather	21 of 21	12.2	18.4	21.9	Relatively Low 11, Very Low 10

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 drought, hail, heat wave, 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
Sutter County	County	Approved, expires 2027-01-12	FMA RL 0, SRL 0; any 11	\$1,384,231.30	0 total; 0 since its plan	Includes \$136,465.36 for declarations not counted as hazard incidents (DR-4482-CA).
Live Oak city	City	Approved, expires 2027-01-12	FMA RL 0, SRL 0; any 0	\$23,228.45	0 total; 0 since its plan	
Yuba City city	City	Approved, expires 2027-01-12	FMA RL 0, SRL 0; any 0	\$3,312,252.79	5 total; 0 since its plan	Includes \$348,202.55 for declarations not counted as hazard incidents (DR-4482-CA).

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 2022-01-13 <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									\$0		Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$0	\$0	0	\$0	\$0	\$0			\$0		building exposure is 0 in NRI
Drought	n/a	\$514,594,075	n/a	n/a	\$20,943,222	n/a	4.07% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$33,037,775,399	n/a	99,633	\$7,801,658	n/a	\$1,965,934	0.0236%				
Hail	\$19,158,319,079	\$530,640,995	99,621	\$1,111	\$10,816	\$13,640	under 0.0001%				
Heat Wave	\$19,158,319,079	\$530,640,995	99,621	\$14	\$5,675	\$1,324,494	under 0.0001%		\$0		
Hurricane											Not Applicable in NRI for this county
Inland Flooding	\$19,155,434,865	\$213,031,538	4,870	\$12,027,397	\$59,648	\$2,304	n/a (see note)	\$0		\$955,068.72	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	\$25,614,428	n/a	81	\$123	n/a	\$874	0.000479%			\$955,068.72	
Lightning	\$19,158,319,079	n/a	99,621	\$3,622	n/a	\$195,707	under 0.0001%				
Strong Wind	\$19,158,319,079	\$530,640,995	99,621	\$7,172	\$10,226	\$20,882	under 0.0001%		\$497,000		Storm Events damage since the plan includes 3 zone-level High Wind records (\$415,000) and 5 zone-level Strong Wind records (\$82,000); NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition.
Tornado	\$19,158,319,079	\$530,640,995	99,621	\$82,610	\$1,805	\$39,079	0.000431%			\$314,687.71	
Volcanic Activity	\$19,158,319,079	n/a	99,621	under \$1	n/a	\$24	under 0.0001%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2022-01-13 <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	\$247,121,040	\$77,018,947	3,927	\$245,781	\$755	\$25,152	0.0995%		\$5,200,000		
Winter Weather	\$19,158,319,079	\$530,640,995	99,621	\$47	under \$1	\$3,438	under 0.0001%			\$955,068.72	

Totals since 2022-01-13 (Storm Events through 2026-06-30): 10 county-coded records, 10 with a damage value recorded (including \$0), \$0; 45 zone-level records, 43 with a damage value recorded (including \$0), \$5,697,000 reported for the zone; Public Assistance: \$955,068.72 on 3 counted declarations, 2 of them with Public Assistance.

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	99,621
Building value (total, not at risk)	\$19,158,319,079
Agriculture value (total, not at risk)	\$530,640,995
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$41,201,683
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)	\$3,591,528
Social vulnerability rating	Relatively Moderate
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	12	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	12	0	12	0	1
of which: Sutter County (unincorporated area)	0	0	11	0	11	0	1
of which: Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	1	3	0	4	1	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>
Sutter County	060394	0	0	11	0	11	0	1
Live Oak city	060395	0	0	0	0	0	0	0
Yuba City city	060396	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	10	0	10	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	2	0	2	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 12 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment, 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

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

Reuse, citation and corrections

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

Hazard Plain release 2026-10. As of 2026-09-30; Storm Events data through 2026-06-30. Automated baseline.