

Ventura County, CA

Risk-assessment baseline packet

County FIPS: 06111 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 2027-08-15. Plan: Ventura County (FEMA plan 108428), approved 2022-08-16.

Since the plan was approved on 2022-08-16: 6 new hazard declarations (5 incidents) and 103 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Earthquake (\$391,572,294 a year), Inland Flooding (\$312,763,743) and Wildfire (\$50,107,804).

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; 06111 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 2027-08-15	Plan:	Ventura County (FEMA plan 108428)
Approved:	2022-08-16	Days to expiry:	319
Update underway:	none recorded in FEMA's plan tracker		

What changed since your last plan (approved 2022-08-16)

New federal declarations:	6 new hazard declarations (5 incidents): EM-3591-CA (Severe Winter Storms, Flooding, and Mudslides), DR-4683-CA (Severe Winter Storms, Flooding, Landslides, and Mudslides), DR-4699-CA (Severe Winter Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides), DR-4769-CA (Severe Winter Storms, Tornadoes, Flooding, Landslides, and Mudslides), FM-5545-CA (Mountain Fire), FM-5635-CA (Sandy Fire)	Storm Events records since approval:	103 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 5, SRL 14 (44 CFR 77.2); any definition: 88	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: 24 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Notes
Ventura County	County	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Camarillo city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Fillmore city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Moorpark city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Ojai city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Oxnard city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Port Hueneme city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
San Buenaventura (Ventura) city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Santa Paula city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Simi Valley city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Thousand Oaks city	City	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Ventura Unified School District	School/School District	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	this jurisdiction approved 2023-07-25
Calleguas Municipal Water District	Water/Sewer Authority	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Casitas Municipal Water District	Water/Sewer Authority	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Channel Islands Beach Community Services District	Community Services District	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Conejo Recreation and Park District	Special District	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Ojai Valley Sanitary District	Water/Sewer Authority	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Pleasant Valley Recreation and Park District	Special District	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Saticoy Sanitary District	Water/Sewer Authority	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Triunfo Water & Sanitation District	Water/Sewer Authority	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
United Water Conservation District	Conservation District	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	
Ventura County Fire Protection District	Fire/EMS District	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Notes
Ventura County Watershed Protection District	Natural Resources	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	this jurisdiction approved 2023-07-25
Ventura Regional Sanitary District	Water/Sewer Authority	Approved, expires 2027-08-15	Ventura County (FEMA plan 108428)	2022-08-16	2027-08-15	319	

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>	Storm Events coverage note
1	Earthquake	Relatively High	Very High	\$270,670,219	n/a	\$120,902,075	\$391,572,294		Storm Events does not record earthquakes.
2	Inland Flooding	Very High	Very High	\$309,378,355	\$2,292,529	\$1,092,859	\$312,763,743	102	
3	Wildfire	Relatively High	Relatively High	\$47,970,425	\$45,898	\$2,091,481	\$50,107,804	34	
4	Heat Wave	Relatively Moderate	Relatively Moderate	\$14,463	\$274,127	\$1,998,073	\$2,286,663	7	
5	Tornado	Relatively Low	Relatively Low	\$684,064	\$4,875	\$321,016	\$1,009,954	6	
6	Drought	Relatively Moderate	Relatively Moderate	n/a	\$994,078	n/a	\$994,078	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
7	Tsunami	Very Low	Relatively Low	\$790,270	n/a	\$0	\$790,270	2	
8	Landslide	Relatively High	Relatively Moderate	\$253,578	n/a	\$397,239	\$650,817	7	

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>	Storm Events coverage note
9	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$597,021	n/a	\$1,492	\$598,513	1	
10	Lightning	Relatively Moderate	Relatively Moderate	\$10,751	n/a	\$525,273	\$536,024	2	
11	Strong Wind	Relatively Low	Relatively Low	\$105,406	\$9,921	\$377,638	\$492,965	219	Includes 197 High Wind and 1 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
12	Hail	Relatively Low	Relatively Low	\$189,222	\$19,809	\$93,452	\$302,482	3	
13	Cold Wave	Very Low	Very Low	\$1	\$33,045	\$30,012	\$63,058	3	Includes 3 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
14	Winter Weather	Very Low	Very Low	\$74	under \$1	\$202	\$276	90	
15	Avalanche	Very Low	Very Low	\$3	n/a	\$147	\$150	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
16	Hurricane	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	1	
	Ice Storm	Not Applicable	Not Applicable					0	Declared 1 time; no Storm Events record of this type.

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

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

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 4 (Very Low, 21.6); tract 8 (Very Low, 21.0); tract 9.02 (Very Low, 20.5)
Earthquake	tract 28 (Very High, 100.0); tract 56.02 (Very High, 99.9); tract 8 (Very High, 99.9)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 97 (Relatively High, 99.7); tract 73 (Relatively High, 99.6); tract 93 (Relatively High, 99.4)
Tornado	tract 56.02 (Relatively Low, 33.2); tract 49.02 (Relatively Low, 30.9); tract 28 (Relatively Low, 30.3)
Tsunami	tract 25 (Relatively Low, 79.8); tract 36.15 (Relatively Low, 77.6); tract 36.17 (Relatively Low, 74.3)
Wildfire	tract 93 (Very High, 99.9); tract 9.03 (Very High, 99.8); tract 75.11 (Very High, 99.6)

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 4 is Census Tract 4). 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					
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	1 record, 2005 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	3 records, 1998 to 2007 (2 zone-level)		Frost/Freeze, 2007-01-13, \$93,000,000 crop damage (2007 dollars); NWS zone CAZ040		No event record names a jurisdiction in the plan. Zone-level records (2) apply countywide.	

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)	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	5 records, 1987 to 2010	1 in to 1.5 in (median 1 in); 5 with a recorded value	1.5 in hail, 2010-01-21		Event records naming jurisdictions in the plan: Thousand Oaks city (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	7 records, 1997 to 2008 (7 zone-level)	1 day to 5 days (median 4 days); 5 with a recorded value	5 consecutive days, 2006-07-22 to 2006-07-26, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1 record, 1997 (1 zone-level)		Strongest recorded: Tropical Storm record, 1997-09-25, damage not reported; NWS zone CAZ044		Countywide (zone-level records).	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)	102 records, 1998 to 2026 (5 zone-level)		Flash Flood, 2005-02-20, property not reported; \$8,000,000 crops (2005 dollars)		Event records naming jurisdictions in the plan: San Buenaventura (Ventura) city (10 records), Camarillo city (3 records), Fillmore city (3 records), Ojai city (3 records), Santa Paula city (3 records), Moorpark city (2 records), Oxnard city (2 records), Thousand Oaks city (1 record). Zone-level records (5) 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)	7 records, 2014 to 2025		No damage reported in 7 records.		Event records naming jurisdictions in the plan: Camarillo city (1 record).	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	2 records, 2000 to 2011		Lightning, 2011-09-13, \$0 property; \$0 crops (2011 dollars), 3 direct injuries		Event records naming jurisdictions in the plan: Ojai city (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)	198 records, 1996 to 2026 (198 zone-level)	40 kt (46 mph) to 86 kt (99 mph) (median 61 kt (70 mph)); 196 with a recorded value	86 kt (99 mph), measurement type not recorded, High Wind, 1997-01-05; NWS zone CAZ040		Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	21 records, 1998 to 2026	48 kt (55 mph) to 71 kt (82 mph) (median 53 kt (61 mph)); 21 with a recorded value	71 kt (82 mph) measured gust, Thunderstorm Wind, 2024-02-07	Thunderstorm Wind, 2025-10-14, \$1,000 property; \$0 crops (2025 dollars)	Event records naming jurisdictions in the plan: San Buenaventura (Ventura) city (4 records), Ojai city (1 record), Thousand Oaks city (1 record).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	8 records, 1982 to 2025	F/EF0; 8 with a recorded value	F0 tornado, 1992-12-07, 0.1 mi path length (whole path, pre-1996), 10 yd wide, \$2,500 property; crops not recorded (1992 dollars); same rating, casualties and property damage also recorded on 1982-11-09		Event records naming jurisdictions in the plan: Oxnard city (1 record), San Buenaventura (Ventura) city (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Tsunami	none (count and damage only)	2 records, 2010 to 2022 (2 zone-level)		Tsunami, 2010-02-27, \$150,000 property; \$0 crops (2010 dollars); NWS zone CAZ040		Countywide (zone-level records).	
Wildfire	acres burned (local data)	34 records, 1996 to 2026 (21 zone-level)		Wildfire, 2006-12-03, \$10,000,000 property; \$3,000 crops (2006 dollars); NWS zone CAZ045		Event records naming jurisdictions in the plan: Fillmore city (3 records), Ojai city (2 records), Santa Paula city (1 record), Thousand Oaks city (1 record). Zone-level records (21) apply countywide.	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	90 records, 1996 to 2026 (90 zone-level)		No damage reported in 90 records.		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 tsunami.

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: 53 declarations covering 41 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
2026-05-18	2026-05-18	FM-5635-CA	Fire management	Sandy Fire	Wildfire	no Public Assistance recorded	new since last plan; within last 5 years	
2024-11-06	2024-11-06	FM-5545-CA	Fire management	Mountain Fire	Wildfire	no Public Assistance recorded	new since last plan; within last 5 years	
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	\$1,232,682.60	new since last plan; within last 5 years	
2023-04-03	2023-02-21	DR-4699-CA	Major disaster	Severe Winter Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Ice Storm; Inland Flooding; Landslide; Strong Wind; Winter Weather	\$7,490,025.52	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	\$18,394,450.11	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	\$215,892,745.31		
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
2019-11-01	2019-11-01	FM-5302-CA	Fire management	Maria Fire	Wildfire	no Public Assistance recorded		
2019-10-30	2019-10-30	FM-5298-CA	Fire management	Easy Fire	Wildfire	no Public Assistance recorded		
2019-10-11	2019-10-10	FM-5293-CA	Fire management	Saddleridge Fire	Wildfire	no Public Assistance recorded		
2018-11-12	2018-11-08	DR-4407-CA	Major disaster	Wildfires	Wildfire	\$14,032,247.06		
2018-11-09	2018-11-08	FM-5280-CA	Fire management	Woolsey Fire	Wildfire	no Public Assistance recorded		same incident as DR-4407
2018-11-09	2018-11-08	EM-3409-CA	Emergency	Wildfires	Wildfire	no Public Assistance recorded		same incident as DR-4407
2018-11-08	2018-11-08	FM-5279-CA	Fire management	Hill Fire	Wildfire	no Public Assistance recorded		same incident as DR-4407

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						federal share obligated, nominal dollars		
2018-01-02	2017-12-04	DR-4353-CA	Major disaster	Wildfires, Flooding, Mudflows, and Debris Flows	Wildfire	\$21,457,006.50		
2017-12-08	2017-12-04	EM-3396-CA	Emergency	Wildfires	Wildfire	no Public Assistance recorded		same incident as DR-4353
2017-12-05	2017-12-04	FM-5224-CA	Fire management	Thomas Fire	Wildfire	no Public Assistance recorded		same incident as DR-4353
2013-05-02	2013-05-02	FM-5024-CA	Fire management	Springs Fire	Wildfire	no Public Assistance recorded		
2009-09-22	2009-09-22	FM-2839-CA	Fire management	Guiberson Fire	Wildfire	no Public Assistance recorded		
2007-10-24	2007-10-21	DR-1731-CA	Major disaster	Wildfires, Flooding, Mud Flows, and Debris Flows	Wildfire	\$179,477.54		
2007-10-23	2007-10-21	EM-3279-CA	Emergency	Wildfires	Wildfire	no Public Assistance recorded		same incident as DR-1731
2007-10-22	2007-10-20	FM-2736-CA	Fire management	Ranch Fire	Wildfire	no Public Assistance recorded		
2007-03-13	2007-01-11	DR-1689-CA	Major disaster	Severe Freeze	Cold Wave	PA not declared for this county		
2006-12-03	2006-12-03	FM-2681-CA	Fire management	Shekell Fire	Wildfire	no Public Assistance recorded		
2006-09-26	2006-09-25	FM-2677-CA	Fire management	Day Fire	Wildfire	no Public Assistance recorded		
2005-11-18	2005-11-18	FM-2586-CA	Fire management	School Fire	Wildfire	no Public Assistance recorded		
2005-09-28	2005-09-28	FM-2583-CA	Fire management	Topanga Fire	Wildfire	no Public Assistance recorded		
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		
2005-04-14	2005-02-16	DR-1585-CA	Major disaster	Severe Storms, Flooding, Landslides, and Mud and Debris Flows	Inland Flooding; Landslide	\$6,223,111.23		
2005-02-04	2004-12-27	DR-1577-CA	Major disaster	Severe Storms, Flooding, Debris Flows, and Mudslides	Inland Flooding; Landslide	\$27,789,363.08		
2003-10-27	2003-10-21	DR-1498-CA	Major disaster	Wildfires, Flooding, Mudflow and Debris Flow Directly Related T	Wildfire	\$914,119.93		
2003-10-26	2003-10-24	FM-2504-CA	Fire management	Simi Fire	Wildfire	no Public Assistance recorded		same incident as DR-1498
2003-10-25	2003-10-24	FM-2502-CA	Fire management	Ca-Verdale Fire 10-25-2003	Wildfire	no Public Assistance recorded		same incident as DR-1498
1999-02-09	1998-12-20	DR-1267-CA	Major disaster	Ca-Citrus Crop Damage 2/2/99	Cold Wave	PA not declared for this county		
1998-02-09	1998-02-02	DR-1203-CA	Major disaster	Severe Winter Storms and Flooding	Inland Flooding; Winter Weather	no Public Assistance recorded		
1996-10-23	1996-10-21	EM-3120-CA	Emergency	Severe Firestorms	Wildfire	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>		
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		
1994-01-17	1994-01-17	DR-1008-CA	Major disaster	Northridge Earthquake	Earthquake	no Public Assistance recorded		
1993-10-28	1993-10-26	DR-1005-CA	Major disaster	Fires, Mud/Landslides, Flooding, Soil Erosion	Wildfire (primary); also designated: Inland Flooding, Landslide	no Public Assistance recorded		
1993-02-03	1993-01-05	DR-979-CA	Major disaster	Severe Winter Storm, Mud & Land Slides, & Flooding	Inland Flooding (primary); also designated: Landslide, Winter Weather	no Public Assistance recorded		
1992-02-25	1992-02-10	DR-935-CA	Major disaster	Rain/Snow/Wind Storms, Flooding, Mudslides	Inland Flooding (primary); also designated: Landslide, Strong Wind, 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		
1988-02-05	1988-01-17	DR-812-CA	Major disaster	Severe Storms, High Tides & Flooding	Inland Flooding (primary); also designated: Coastal Flooding	no Public Assistance recorded		
1985-07-18	1985-06-26	DR-739-CA	Major disaster	Grass, Wildlands, & Forest Fires	Wildfire	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		
1980-02-21	1980-01-08	DR-615-CA	Major disaster	Severe Storms, Mudslides & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		
1978-02-15	1978-02-15	DR-547-CA	Major disaster	Coastal Storms, Mudslides & Flooding	Coastal Flooding (primary); also designated: Landslide	no Public Assistance recorded		
1973-02-08	1973-02-08	DR-364-CA	Major disaster	Severe Storms, High Tides & Flooding	Inland Flooding (primary); also designated: Coastal Flooding	no Public Assistance recorded		
1970-09-29	1970-09-29	DR-295-CA	Major disaster	Forest & Brush Fires	Wildfire	no Public Assistance recorded		
1969-01-26	1969-01-26	DR-253-CA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1965-12-07	1965-12-07	DR-211-CA	Major disaster	Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$44,937,186.74 (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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	1	0	0	0	4	0	1996 to 2026-06-30	
Cold Wave	3	0	0	0	3	0	1996 to 2026-06-30	Includes 3 Frost/Freeze records.
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	1	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	5	0	0	0	0	0	1955 to 2026-06-30	
Heat Wave	7	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	1	0	0	0	0	0	1996 to 2026-06-30	
Ice Storm	0	0	0	0	1	1	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)

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
Inland Flooding	102	35	0	35	17	3	1996 to 2026-06-30	
Landslide	7	6	0	6	13	3	1996 to 2026-06-30	
Lightning	2	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	219	48	10	58	2	1	1955 to 2026-06-30	Includes 197 High Wind and 1 Strong Wind records.
Tornado	8	1	0	1	2	1	1950 to 2026-06-30	
Tsunami	2	0	1	1	0	0	1996 to 2026-06-30	
Wildfire	34	4	0	4	20	2	1996 to 2026-06-30	
Winter Weather	90	9	2	11	8	3	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
2024-02-07	Thunderstorm Wind	71 kt (82 mph) measured gust	\$0 property; \$0 crops (2024 dollars)	0, 0	NEWBURY PARK	new since last plan; within last 5 years	B1-c worst recorded: Thunderstorm Wind
2018-11-08	Wildfire		\$0 property; \$0 crops (zone total, 2018 dollars)	3, 0	NWS zone CAZ040 (VENTURA COUNTY COAST), zone-level		deaths or injuries recorded
2017-12-04	Wildfire		\$0 property; \$0 crops (zone total, 2017 dollars)	1, 0	NWS zone CAZ040 (VENTURA COUNTY COAST), zone-level		deaths or injuries recorded
2011-09-13	Lightning		\$0 property; \$0 crops (2011 dollars)	0, 3	WHEELER SPGS		B1-c worst recorded: Lightning
2010-02-27	Tsunami		\$150,000 property; \$0 crops (zone total, 2010 dollars)	0, 0	NWS zone CAZ040 (VENTURA COUNTY COAST), zone-level		B1-c worst recorded: Tsunami
2010-01-21	Hail	1.5 in	\$0 property; \$0 crops (2010 dollars)	0, 0	GREENWICH VLG to THOUSAND OAKS		B1-c worst recorded: Hail
2010-01-20	Flash Flood		\$0 property; \$0 crops (2010 dollars)	1, 0	NEWBURY PARK to MOORPARK		deaths or injuries recorded
2006-12-03	Wildfire		\$10,000,000 property; \$3,000 crops (zone total, 2006 dollars)	0, 0	NWS zone CAZ045 (VENTURA COUNTY COASTAL VALLEYS), zone-level		B1-c worst recorded: Wildfire
2006-07-22	Heat		damage not reported	0, 0	NWS zone CAZ044 (C VENTURA), zone-level		B1-c worst recorded: Excessive Heat, Heat
2005-02-20	Flash Flood		property not reported; \$8,000,000 crops (2005 dollars)	0, 0	CENTRAL PORTION		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1997-01-05	High Wind	86 kt (99 mph), measurement type not recorded	damage not reported	0, 0	NWS zone CAZ040 (VENTURA COUNTY COAST), zone-level		B1-c worst recorded: High Wind and Strong Wind
1992-12-07	Tornado	F0, 0.1 mi path length (whole path, pre-1996), 10 yd wide	\$2,500 property; crops not recorded (1992 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (481 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	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding	1.96	events per year at a location (modeled)	about 2 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.0547	event-days per year	about 0.0547 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	0.87	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	93.9	event-days per year	about 93.9 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	2,744	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.0775	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 7.75%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.0703	events per year	about 1 in 14 years	Possible	FEMA annualized frequency (modeled)	2.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	9.8	event-days per year	about 9.8 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	90.8	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0	events per year	none modeled	Unlikely	FEMA annualized frequency (modeled)	0	1851 to 2024 (Atlantic); 1949 to 2024 (Pacific)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm		event-days per year					1946-12-31 to 2014-02-12 (67 years)	countywide	Not Applicable in NRI for this county; no descriptor.

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
Inland Flooding	1.93	event-days per year	about 1.93 days per year	Likely	Storm Events event-days in 23 of 30 years, 1996 to 2025 (76.7%)	54	1996 to 2023 (28 years)	see B1-f	
Landslide	64.1	events per year (modeled)	about 64.1 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	6.17	days per year with a strike	about 6.17 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0669	events per year	about 1 in 15 years	Possible	FEMA annualized frequency (modeled)	3	1986 to 2023 (38 years)	countywide	
Tornado	0.134	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami	0.388	annual probability at the most exposed location (used in place of a county value)	chance at the county's most exposed location in a year: 38.8%	Possible	Storm Events records in 2 of 30 years, 1996 to 2025 (6.67%)	not shown	modeled	see B1-f	
Wildfire	0.012	annual probability at a location	chance a given location in the county burns in a year: 1.2%	Likely	Storm Events records in 18 of 30 years, 1996 to 2025 (60%)	not shown	modeled	see B1-f	
Winter Weather	9.38	event-days per year	about 9.38 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	149	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	3	30	0.1
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	12	30	0.4
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	2	30	0.0667
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	2	30	0.0667
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	6 of 189	18.0	19.8	21.6	Very Low 6, Not Applicable 183
Coastal Flooding	24 of 189	72.1	82.1	97.9	Relatively High 2, Relatively Moderate 1, Relatively Low 18, Very Low 3, No Rating 165
Cold Wave	6 of 189	15.7	22.2	34.7	Relatively Low 4, Very Low 2, No Rating 183
Drought	68 of 189	66.8	79.8	97.5	Relatively Moderate 10, Relatively Low 26, Very Low 32, No Rating 121
Earthquake	189 of 189	61.3	93.9	100.0	Very High 37, Relatively High 123, Relatively Moderate 28, Relatively Low 1
Hail	189 of 189	0.6	25.5	57.4	Relatively Low 8, Very Low 181
Heat Wave	188 of 189	2.4	12.2	61.0	Relatively Moderate 3, Relatively Low 65, Very Low 120, No Rating 1
Hurricane	0 of 189				No Rating 189
Ice Storm	0 of 189				Not Applicable 189
Inland Flooding	189 of 189	0.6	86.0	99.8	Very High 43, Relatively High 72, Relatively Moderate 54, Relatively Low 18, Very Low 2
Landslide	136 of 189	8.8	70.9	99.7	Relatively High 3, Relatively Moderate 17, Relatively Low 39, Very Low 77, No Rating 53
Lightning	189 of 189	0.1	16.8	33.8	Relatively Low 55, Very Low 134
Strong Wind	189 of 189	0.2	15.1	31.5	Relatively Low 23, Very Low 166
Tornado	189 of 189	0.6	11.2	33.2	Relatively Low 3, Very Low 186
Tsunami	17 of 189	12.0	39.9	79.8	Relatively Low 7, Very Low 10, No Rating 1, Not Applicable 171
Wildfire	142 of 189	18.8	88.2	99.9	Very High 14, Relatively High 32, Relatively Moderate 24, Relatively Low 25, Very Low 47, No Rating 47
Winter Weather	15 of 189	10.5	10.6	16.7	Very Low 15, No Rating 174

Cold Wave: Agriculture is 52% of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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, 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
Ventura County	County	Approved, expires 2027-08-15	FMA RL 4, SRL 11; any 71	\$187,508,555.09	0 total; 0 since its plan	Includes \$169,645,815.12 for declarations not counted as hazard incidents (DR-4482-CA).
Camarillo city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 0	\$63,781.65	4 total; 0 since its plan	Includes \$53,750.39 for declarations not counted as hazard incidents (DR-4482-CA).
Fillmore city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 0	\$6,996,516.90	6 total; 2 since its plan	
Moorpark city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 0	\$30,137.72	2 total; 0 since its plan	
Ojai city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 0	\$128,660.47	7 total; 2 since its plan	Includes \$5,942.09 for declarations not counted as hazard incidents (DR-4482-CA).
Oxnard city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 7	\$1,607,007	3 total; 2 since its plan	Includes \$162,089.69 for declarations not counted as hazard incidents (DR-4482-CA).
Port Hueneme city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 0	\$153,969	0 total; 0 since its plan	
San Buenaventura (Ventura) city	City	Approved, expires 2027-08-15	FMA RL 1, SRL 3; any 3	no Public Assistance recorded	15 total; 6 since its plan	
Santa Paula city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 2	\$2,685,195.20	4 total; 0 since its plan	Includes \$39,272.63 for declarations not counted as hazard incidents (DR-4482-CA).
Simi Valley city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 0	\$1,542,717.08	0 total; 0 since its plan	
Thousand Oaks city	City	Approved, expires 2027-08-15	FMA RL 0, SRL 0; any 5	\$1,214,270.55	4 total; 0 since its plan	Includes \$20,944.46 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 2022-08-16 <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	\$2,828,072	n/a	under 1	\$3	n/a	\$147	0.000105%				
Coastal Flooding	\$37,279,999,777	n/a	205,051	\$597,021	n/a	\$1,492	0.0016%				
Cold Wave	\$631,936,168	\$53,981,248	1,800	\$1	\$33,045	\$30,012	under 0.0001%				
Drought	n/a	\$2,021,221,665	n/a	n/a	\$994,078	n/a	0.0492% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$293,362,929,919	n/a	843,843	\$270,670,219	n/a	\$120,902,075	0.0923%				
Hail	\$169,925,741,276	\$2,102,963,164	843,136	\$189,222	\$19,809	\$93,452	0.000111%				
Heat Wave	\$169,696,431,115	\$2,101,901,506	843,136	\$14,463	\$274,127	\$1,998,073	under 0.0001%				
Hurricane	\$169,925,741,276	\$2,102,963,164	843,136	\$0	\$0	\$0	0%				
Ice Storm										\$7,490,025.52	Not Applicable in NRI for this county

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 2022-08-16 <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
Inland Flooding	\$169,842,843,807	\$511,454,183	24,065	\$309,378,355	\$2,292,529	\$1,092,859	n/a (see note)	\$0		\$27,117,158.23	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	\$11,959,755,334	n/a	40,000	\$253,578	n/a	\$397,239	0.00212%	\$0		\$27,117,158.23	
Lightning	\$169,925,741,276	n/a	843,136	\$10,751	n/a	\$525,273	under 0.0001%				
Strong Wind	\$169,925,741,276	\$2,102,963,164	843,136	\$105,406	\$9,921	\$377,638	under 0.0001%	\$2,000	\$0	\$7,490,025.52	
Tornado	\$169,925,741,276	\$2,102,963,164	843,136	\$684,064	\$4,875	\$321,016	0.000403%	\$0		\$1,232,682.60	
Tsunami	\$9,640,696,618	n/a	16,476	\$790,270	n/a	\$0	0.0082%				
Wildfire	\$16,395,142,682	\$1,369,666,636	83,687	\$47,970,425	\$45,898	\$2,091,481	0.293%		\$0	no Public Assistance recorded (2 declarations)	
Winter Weather	\$1,613,459,927	\$75,777,221	4,024	\$74	under \$1	\$202	under 0.0001%		\$0	\$27,117,158.23	

Totals since 2022-08-16 (Storm Events through 2026-06-30): 57 county-coded records, 57 with a damage value recorded (including \$0), \$2,000; 46 zone-level records, 44 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: \$27,117,158.23 on 6 counted declarations, 3 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	843,136
Building value (total, not at risk)	\$169,925,741,276
Agriculture value (total, not at risk)	\$2,102,963,164
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$634,338,134
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)	\$127,830,957
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively Low
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)	5	Severe repetitive loss, FMA definition (44 CFR 77.2)	14
Repetitive loss, NFIP insurance definition	86	Severe repetitive loss, NFIP insurance definition	13

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	5	14	86	13	88	1	30
of which: Ventura County (unincorporated area)	4	11	69	10	71	1	26
of which: Oxnard city	0	0	7	0	7	0	2
of which: San Buenaventura city	1	3	3	3	3	0	2
of which: Santa Paula city	0	0	2	0	2	0	0
of which: Thousand Oaks city	0	0	5	0	5	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>
Ventura County	060413	4	11	69	10	71	1	26
Camarillo city	065020	0	0	0	0	0	0	0
Fillmore city	060415	0	0	0	0	0	0	0
Moorpark city	060712	0	0	0	0	0	0	0
Ojai city	060416	0	0	0	0	0	0	0
Oxnard city	060417	0	0	7	0	7	0	2
Port Hueneme city	065051	0	0	0	0	0	0	0
San Buenaventura (Ventura) city	060419	1	3	3	3	3	0	2
Santa Paula city	060420	0	0	2	0	2	0	0
Simi Valley city	060421	0	0	0	0	0	0	0
Thousand Oaks city	060422	0	0	5	0	5	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	3	11	71	10	73	1	28
2 to 4 unit residential	0	0	6	0	6	0	0
other residential	0	0	0	0	0	0	0
non-residential	2	3	9	3	9	0	2
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 82 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

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