

Imperial County, CA

Risk-assessment baseline packet

County FIPS: 06025 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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Summary

Plan status as of 2026-09-30: Expired on 2026-01-27. Plan: Imperial County (FEMA plan 107003), approved 2021-01-28.

Since the plan was approved on 2021-01-28: 3 new hazard declarations (2 incidents) and 179 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 (\$100,891,671 a year), Inland Flooding (\$42,518,994) and Heat Wave (\$3,109,221).

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; 06025 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:	Expired on 2026-01-27	Plan:	Imperial County (FEMA plan 107003)
Approved:	2021-01-28	Days since expiry:	246
Update underway:	none recorded in FEMA's plan tracker		

Until a new plan is approved, FEMA mitigation project grants (HMGP, FMA) need a FEMA exception (44 CFR 201.6(a)(3)).

What changed since your last plan (approved 2021-01-28)

New federal declarations:	3 new hazard declarations (2 incidents): EM-3592-CA (Severe Winter Storms, Flooding, Landslides, and Mudslides), DR-4699-CA (Severe Winter Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides), DR-4750-CA (Tropical Storm Hilary)	Storm Events records since approval:	179 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 13	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>
Imperial County	County	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Brawley city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Calexico city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Calipatria city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
El Centro city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Holtville city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Imperial city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Westmorland city	City	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Imperial Unified School District	School/School District	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246
Imperial County Irrigation District	Flood Control District	Expired on 2026-01-27	Imperial County (FEMA plan 107003)	2021-01-28	2026-01-27	-246

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>	Storm Events coverage note
1	Earthquake	Relatively High	Relatively High	\$73,295,724	n/a	\$27,595,947	\$100,891,671		Storm Events does not record earthquakes.
2	Inland Flooding	Relatively High	Relatively Moderate	\$42,219,394	\$3,949	\$295,650	\$42,518,994	118	
3	Heat Wave	Relatively Moderate	Relatively Moderate	\$1,394	\$1,280,602	\$1,827,225	\$3,109,221	51	
4	Strong Wind	Relatively Moderate	Relatively Low	\$179,322	\$110,160	\$111,578	\$401,060	127	Includes 19 High Wind and 6 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
5	Drought	Relatively Moderate	Relatively Low	n/a	\$320,568	n/a	\$320,568	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
6	Wildfire	Relatively Low	Relatively Low	\$164,893	\$2,099	\$16,753	\$183,745	3	
7	Tornado	Very Low	Very Low	\$42,850	\$1,252	\$9,135	\$53,237	2	
8	Hail	Very Low	Very Low	\$33,414	\$4,865	\$7,527	\$45,806	8	
9	Lightning	Very Low	Very Low	\$1,905	n/a	\$32,797	\$34,703	1	
10	Hurricane	Very Low	Very Low	\$671	\$4,072	\$0	\$4,743	0	Declared 2 times; no Storm Events record of this type.
11	Volcanic Activity	Relatively Low	Relatively Low	\$864	n/a	\$1,508	\$2,372	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Landslide	Very Low	Very Low	\$427	n/a	\$32	\$459	0	Declared 4 times; no Storm Events record of this type.
13	Winter Weather	Very Low	Very Low	under \$1	under \$1	under \$1	under \$1	0	Declared 4 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>	Storm Events coverage note
14	Cold Wave	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	0	Declared 2 times; no Storm Events record of this type.
	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.
Local data needed: state and local volcanic activity and landslide 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: avalanche, coastal flooding and tsunami. That is the evidence for leaving them out of the plan.
The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.
Inland Flooding: The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (<https://msc.fema.gov>) for this county.

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 116 (Very High, 99.8); tract 114 (Very High, 99.8); tract 121.01 (Very High, 99.8)
Hurricane	tract 111 (Very Low, 32.4); tract 108 (Very Low, 32.2); tract 119.01 (Very Low, 31.4)
Landslide	tract 124 (Relatively Low, 87.8); tract 123.01 (Relatively Low, 87.5); tract 123.02 (Very Low, 51.1)
Tornado	tract 106 (Very Low, 13.3); tract 105 (Very Low, 11.9); tract 123.02 (Very Low, 11.8)
Volcanic Activity	tract 101.02 (Relatively Low, 97.5); tract 101.01 (Relatively Low, 97.4); tract 102 (Relatively Low, 97.4)
Wildfire	tract 110.02 (Relatively Moderate, 92.1); tract 110.01 (Relatively Moderate, 90.8); tract 101.01 (Relatively Moderate, 89.5)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 116 is Census Tract 116). 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
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
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)	10 records, 1990 to 2015	0.75 in to 1.75 in (median 1.12 in); 10 with a recorded value	1.75 in hail, 2010-08-27; same size also recorded on 1990-08-14, 2008-08-07		Event records naming jurisdictions in the plan: Brawley city (2 records), El Centro city (2 records).	
Excessive Heat, Heat	heat index (in event narratives)	51 records, 2018 to 2024 (51 zone-level)	1 day to 12 days (median 3 days); 47 with a recorded value	12 consecutive days, 2023-07-11 to 2023-07-22, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	0					
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	118 records, 1999 to 2025		Flash Flood, 2023-09-01, \$30,000,000 property; \$50,000 crops (2023 dollars)		Event records naming jurisdictions in the plan: El Centro city (5 records), Imperial city (4 records), Holtville city (2 records), Brawley city (1 record), Calexico city (1 record), Calipatria city (1 record).	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					

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	1 record, 2005		No damage or casualties reported in 1 record.		Event records naming jurisdictions in the plan: El Centro 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)	25 records, 2018 to 2026 (25 zone-level)	35 kt (40 mph) to 63 kt (72 mph) (median 53 kt (61 mph)); 25 with a recorded value	63 kt (72 mph) measured gust, High Wind, 2023-02-14; NWS zone CAZ567	Strong Wind, 2024-07-24, \$100,000 property; \$0 crops (zone total, 2024 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	113 records, 1955 to 2025	43 kt (49 mph) to 87 kt (100 mph) (median 52 kt (60 mph)); 106 with a recorded value	87 kt (100 mph) estimated gust, Thunderstorm Wind, 2007-09-15		Event records naming jurisdictions in the plan: El Centro city (11 records), Calexico city (10 records), Imperial city (7 records), Brawley city (3 records), Holtville city (3 records), Calipatria city (2 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	7 records, 1965 to 2000	F/EF0 to F/EF1 (median F/EF0); 6 with a recorded value	F1 tornado, 1965-07-05, 2 mi path length (whole path, pre-1996), 33 yd wide, \$30 property; crops not recorded (1965 dollars)	Tornado, 1992-05-05, \$2,500,000 property; crops not recorded (1992 dollars)	Event records naming jurisdictions in the plan: Calipatria 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).
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	3 records, 2020 to 2022 (3 zone-level)		Wildfire, 2022-02-09, \$350,000 property; crops not reported (2022 dollars); NWS zone CAZ565		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	0					

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of debris flow, lightning and volcanic ash, volcanic ashfall.

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 15 declarations covering 11 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
2023-11-21	2023-08-19	DR-4750-CA	Major disaster	Tropical Storm Hilary	Hurricane (primary); also designated: Inland Flooding, Landslide	\$1,064,686.09	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	\$3,854,058.53	new since last plan; within last 5 years	
2023-03-10	2023-03-09	EM-3592-CA	Emergency	Severe Winter Storms, Flooding, Landslides, 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-4699
2020-03-22	2020-01-20	DR-4482-CA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$17,933,610.51	in the 12 months before plan approval	
2020-03-13	2020-01-20	EM-3428-CA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	in the 12 months before plan approval	same incident as DR-4482
2010-05-07	2010-04-04	DR-1911-CA	Major disaster	Earthquake	Earthquake	\$25,023,516.23		
2010-03-08	2010-01-17	DR-1884-CA	Major disaster	Severe Winter Storms, Flooding, and Debris and Mud Flows	Inland Flooding; Winter Weather	\$444,703.15		
2007-03-13	2007-01-11	DR-1689-CA	Major disaster	Severe Freeze	Cold Wave	PA not declared for this county		
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		
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		
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		
1991-02-11	1990-12-19	DR-894-CA	Major disaster	Severe Freeze	Cold Wave	PA not declared for this county		
1983-07-01	1983-06-16	DR-687-CA	Major disaster	Flooding	Inland Flooding	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1979-10-19	1979-10-19	DR-609-CA	Major disaster	Earthquake	Earthquake	no Public Assistance recorded		
1976-09-21	1976-09-21	DR-521-CA	Major disaster	Flooding, Tropical Storm Kathleen	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded		

School districts and special districts in this county: \$274,273.54 (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.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$36,505.19

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4305-CA	2017-03-16	Severe Winter Storms, Flooding, and Mudslides	Imperial Irrigation District	\$36,505.19

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

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
Cold Wave	0	0	0	0	2	0	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
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	2	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	10	0	0	0	0	0	1955 to 2026-06-30	
Heat Wave	51	25	12	17	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	2	1	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
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)
Inland Flooding	118	76	6	67	7	2	1996 to 2026-06-30	
Landslide	0	0	0	0	4	2	1996 to 2026-06-30	No Storm Events records of this type; 4 federal declared incidents (see declarations table)
Lightning	1	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	138	76	0	70	1	1	1955 to 2026-06-30	Includes 19 High Wind and 6 Strong Wind records.
Tornado	7	0	0	0	0	0	1950 to 2026-06-30	
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	3	2	1	2	0	0	1996 to 2026-06-30	
Winter Weather	0	0	0	0	4	1	1996 to 2026-06-30	No Storm Events records of this type; 4 federal declared incidents (see declarations table)

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
2024-07-24	Strong Wind	48 kt (55 mph) estimated gust	\$100,000 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone CAZ565 (IMPERIAL COUNTY SOUTHEAST), zone-level	new since last plan; within last 5 years	B1-c most damaging: High Wind and Strong Wind
2023-09-01	Flash Flood		\$30,000,000 property; \$50,000 crops (2023 dollars)	0, 0	NILAND to IRIS	new since last plan; within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2023-07-11	Excessive Heat		\$0 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone CAZ562 (IMPERIAL COUNTY SOUTHWEST), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2023-02-14	High Wind	63 kt (72 mph) measured gust	\$0 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone CAZ567 (IMPERIAL VALLEY), zone-level	new since last plan; within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2022-02-09	Wildfire		\$350,000 property; crops not reported (zone total, 2022 dollars)	0, 0	NWS zone CAZ565 (IMPERIAL COUNTY SOUTHEAST), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Wildfire
2021-08-31	Flash Flood		\$5,000 property; \$0 crops (2021 dollars)	2, 0	PALO VERDE	new since last plan	deaths or injuries recorded
2020-06-28	Wildfire		property not reported; \$0 crops (zone total, 2020 dollars)	1, 0	NWS zone CAZ567 (IMPERIAL VALLEY), zone-level	in the 12 months before plan approval	deaths or injuries recorded
2012-07-30	Flood		\$400,000 property; \$0 crops (2012 dollars)	0, 5	DIXIELAND		deaths or injuries recorded
2010-08-27	Hail	1.75 in	property not reported; \$0 crops (2010 dollars)	0, 0	BRAWLEY		B1-c worst recorded: Hail
2007-09-15	Thunderstorm Wind	87 kt (100 mph) estimated gust	\$4,000,000 property; \$0 crops (2007 dollars)	0, 0	PALO VERDE		B1-c worst recorded: Thunderstorm Wind
1992-05-05	Tornado	F0, 0.2 mi path length (whole path, pre-1996), 10 yd wide	\$2,500,000 property; crops not recorded (1992 dollars)	0, 0	location not recorded		B1-c most damaging: Tornado
1965-07-05	Tornado	F1, 2 mi path length (whole path, pre-1996), 33 yd wide	\$30 property; crops not recorded (1965 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" (328 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
Cold Wave	0	event-days per year	none modeled		Storm Events event- days in 0 of 30 years, 1996 to 2025 (0%)	0	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	39.3	event-days per year	about 39.3 days per year		Storm Events event- days in 0 of 30 years, 1996 to 2025 (0%)	1,218	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.151	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 15.1%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.053	events per year	about 1 in 19 years	Possible	FEMA annualized frequency (modeled)	2.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	16.9	event-days per year	about 16.9 days per year	Likely	Storm Events event- days in 7 of 30 years, 1996 to 2025 (23.3%)	107	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0185	events per year	about 1 in 54 years	Possible	FEMA annualized frequency (modeled)	6	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.
Inland Flooding	1.54	event-days per year	about 1.54 days per year	Likely	Storm Events event- days in 20 of 30 years, 1996 to 2025 (66.7%)	43	1996 to 2023 (28 years)	see B1-f	
Landslide	6.46	events per year (modeled)	about 6.46 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	11.3	days per year with a strike	about 11.3 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.278	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	11	1986 to 2023 (38 years)	countywide	
Tornado	0.0961	events per year	about 1 in 10 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Volcanic Activity	0.0001	annual probability	about 1 in 10,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.000783	annual probability at a location	chance a given location in the county burns in a year: 0.0783%	Possible	Storm Events records in 2 of 30 years, 1996 to 2025 (6.67%)	not shown	modeled	see B1-f	
Winter Weather	0.0000648	event-days per year	about 0.0000648 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	0.00115	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events winter weather record, 1996 to 2025

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	5	30	0.167
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	91	30	3.03
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	6	30	0.2
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	5	30	0.167
Tornado	EF0-1	1996 to 2025	2	30	0.0667
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	
Cold Wave	0 of 40				No Rating 40
Drought	31 of 40	66.8	81.6	94.7	Relatively Moderate 5, Relatively Low 13, Very Low 13, No Rating 9
Earthquake	40 of 40	87.9	97.4	99.8	Very High 20, Relatively High 18, Relatively Moderate 2
Hail	40 of 40	15.4	24.2	43.5	Relatively Low 2, Very Low 38
Heat Wave	40 of 40	42.4	74.2	95.3	Relatively High 8, Relatively Moderate 28, Relatively Low 4
Hurricane	40 of 40	12.4	15.5	32.4	Very Low 40
Ice Storm	0 of 40				Not Applicable 40
Inland Flooding	40 of 40	34.6	82.7	99.1	Very High 5, Relatively High 17, Relatively Moderate 17, Relatively Low 1
Landslide	20 of 40	10.3	22.6	87.8	Relatively Low 2, Very Low 18, No Rating 20
Lightning	40 of 40	0.7	6.9	14.8	Very Low 40
Strong Wind	40 of 40	24.7	40.0	71.2	Relatively Moderate 6, Relatively Low 34

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	40 of 40	1.8	2.9	13.3	Very Low 40
Volcanic Activity	40 of 40	43.4	72.8	97.5	Relatively Low 5, Very Low 35
Wildfire	37 of 40	31.9	64.7	92.1	Relatively Moderate 3, Relatively Low 14, Very Low 20, No Rating 3
Winter Weather	2 of 40	10.5	10.5	10.6	Very Low 2, No Rating 38

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
Imperial County	County	Expired on 2026-01-27	FMA RL 0, SRL 0; any 13	\$6,436,195.28	0 total; 0 since its plan	Includes \$2,381,308.63 for declarations not counted as hazard incidents (DR-4482-CA).
Brawley city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	\$31,977.66	6 total; 0 since its plan	
Calexico city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	\$6,640,958.05	11 total; 5 since its plan	Includes \$1,410,560.93 for declarations not counted as hazard incidents (DR-4482-CA).
Calipatria city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	\$119,675.99	4 total; 1 since its plan	
El Centro city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	\$1,438,359.87	19 total; 7 since its plan	
Holtville city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	\$2,214,448.64	5 total; 1 since its plan	
Imperial city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	\$592,194.82	11 total; 5 since its plan	Includes \$81,044.91 for declarations not counted as hazard incidents (DR-4482-CA).
Westmorland city	City	Expired on 2026-01-27	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	

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

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <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 2021-01-28 <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
Cold Wave	\$0	\$0	0	\$0	\$0	\$0					building exposure is 0 in NRI
Drought	n/a	\$1,459,697,722	n/a	n/a	\$320,568	n/a	0.022% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$64,719,748,547	n/a	179,702	\$73,295,724	n/a	\$27,595,947	0.113%				
Hail	\$37,660,451,760	\$2,394,483,066	179,319	\$33,414	\$4,865	\$7,527	under 0.0001%				
Heat Wave	\$37,660,451,760	\$2,394,483,066	179,319	\$1,394	\$1,280,602	\$1,827,225	under 0.0001%		\$0		
Hurricane	\$37,651,422,582	\$2,386,277,198	179,311	\$671	\$4,072	\$0	under 0.0001%			\$1,064,686.09	
Ice Storm										\$3,854,058.53	Not Applicable in NRI for this county
Inland Flooding	\$37,647,239,105	\$138,124,403	737	\$42,219,394	\$3,949	\$295,650	n/a (see note)	\$37,730,500		\$4,918,744.62	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	\$22,475,893	n/a	48	\$427	n/a	\$32	0.0019%			\$4,918,744.62	
Lightning	\$37,660,451,760	n/a	179,319	\$1,905	n/a	\$32,797	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 2021-01-28 <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
Strong Wind	\$37,660,451,760	\$2,394,483,066	179,319	\$179,322	\$110,160	\$111,578	0.000476%	\$3,422,000	\$239,000	\$3,854,058.53	Storm Events damage since the plan includes 3 zone-level High Wind records (\$127,000) and 4 zone-level Strong Wind records (\$112,000): NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition.
Tornado	\$37,660,451,760	\$2,394,483,066	179,319	\$42,850	\$1,252	\$9,135	0.000114%				
Volcanic Activity	\$37,660,451,760	n/a	179,319	\$864	n/a	\$1,508	under 0.0001%				
Wildfire	\$2,610,341,330	\$821,339,455	16,948	\$164,893	\$2,099	\$16,753	0.00632%		\$357,500		
Winter Weather	\$13,766,831	\$111,753	15	under \$1	under \$1	under \$1	under 0.0001%			\$3,854,058.53	

Totals since 2021-01-28 (Storm Events through 2026-06-30): 129 county-coded records, 129 with a damage value recorded (including \$0), \$41,152,500; 50 zone-level records, 50 with a damage value recorded (including \$0), \$596,500 reported for the zone; Public Assistance: \$4,918,744.62 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	179,319
Building value (total, not at risk)	\$37,660,451,760
Agriculture value (total, not at risk)	\$2,394,483,066
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$117,668,427
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)	\$29,898,153
Social vulnerability rating	Very High
Community resilience rating	Very 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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	13	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	13	0	13	0	0
of which: Imperial County (unincorporated area)	0	0	13	0	13	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>
Imperial County	060065	0	0	13	0	13	0	0
Brawley city	060066	0	0	0	0	0	0	0
Calexico city	060067	0	0	0	0	0	0	0
Calipatria city	060068	0	0	0	0	0	0	0
El Centro city	060670	0	0	0	0	0	0	0
Holtville city	060070	0	0	0	0	0	0	0
Imperial city	060071	0	0	0	0	0	0	0
Westmorland city	060072	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	9	0	9	0	0
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	4	0	4	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 13 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_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_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/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.

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