

Menominee County, MI

Risk-assessment baseline packet

County FIPS: 26109 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 2028-03-02. Plan: Menominee County Update (FEMA plan 108110), approved 2023-03-03.

Since the plan was approved on 2023-03-03: 1 new hazard declaration (1 incident) and 43 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): Cold Wave (\$5,143,997 a year), Inland Flooding (\$4,516,798) and Tornado (\$440,375).

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; 26109 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 2028-03-02	Plan:	Menominee County Update (FEMA plan 108110)
Approved:	2023-03-03	Days to expiry:	519
What changed since your last plan (approved 2023-03-03)			
New federal declarations:	1 new hazard declaration (1 incident): DR-4925-MI (Severe Storms, Tornadoes, and Flooding)	Storm Events records since approval:	43 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 2	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: 20 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Menominee County	County	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		
Carney village	Village	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Daggett village	Village	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Menominee city	City	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Powers village	Village	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-03-23
Stephenson city	City	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-04-20
Cedarville township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-04-04
Daggett township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Faithorn township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-07-05
Gourley township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-03-23
Harris township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-07-19

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Holmes township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Ingallston township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-05-18
Lake township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Mellen township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-04-20
Menominee township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	Menominee County Update (FEMA plan 108110), pending adoption here	2023-03-03 by FEMA; not yet adopted here	2028-03-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Meyer township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-05-18
Nadeau township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-03-23
Spalding township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-05-05
Stephenson township	Township	Approved, expires 2028-03-02	Menominee County Update (FEMA plan 108110)	2023-03-03	2028-03-02	519		this jurisdiction approved 2023-04-20

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	Cold Wave	Relatively Moderate	Relatively High	\$708	\$51,013	\$5,092,276	\$5,143,997	39	Includes 7 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
2	Inland Flooding	Relatively Low	Relatively Low	\$4,498,239	\$5,557	\$13,002	\$4,516,798	11	
3	Tornado	Relatively Low	Relatively Low	\$266,769	\$315	\$173,290	\$440,375	3	
4	Hail	Relatively Low	Relatively Low	\$389,441	\$9,178	\$15,246	\$413,866	79	
5	Lightning	Relatively Moderate	Relatively Low	\$24,262	n/a	\$286,079	\$310,342	2	
6	Strong Wind	Relatively Low	Relatively Low	\$41,392	\$67,381	\$125,334	\$234,106	125	Includes 8 High Wind and 3 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Winter Weather	Relatively Low	Relatively Low	\$4,370	\$292	\$50,717	\$55,378	166	
8	Ice Storm	Relatively Low	Relatively Low	\$30,653	n/a	\$517	\$31,170	7	
9	Heat Wave	Very Low	Very Low	\$190	under \$1	\$27,865	\$28,055	6	
10	Wildfire	Very Low	Very Low	\$13,006	\$15	\$1,116	\$14,136	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
11	Coastal Flooding	Very Low	Very Low	\$8,828	n/a	\$1,001	\$9,828	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Earthquake	Very Low	Very Low	\$5,093	n/a	\$1,348	\$6,441		Storm Events does not record earthquakes.
13	Drought	Very Low	Very Low	n/a	\$2,547	n/a	\$2,547	0	Declared 1 time; no Storm Events record of this type.
14	Landslide	Very Low	Very Low	\$100	n/a	\$2,270	\$2,370	0	Declared 1 time; 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
15	Hurricane	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

Local data needed: state and local wildfire, landslide and tsunami 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 and 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>
Earthquake	tract 9602 (Very Low, 8.2); tract 9607 (Very Low, 8.0); tract 9606 (Very Low, 6.8)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 9601 (Relatively Low, 93.4); tract 9602 (Relatively Low, 92.6); tract 9603 (Relatively Low, 86.6)
Tornado	tract 9607 (Relatively Moderate, 62.8); tract 9606 (Relatively Moderate, 58.8); tract 9605 (Relatively Moderate, 57.0)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 9603 (Relatively Low, 79.2); tract 9602 (Relatively Low, 76.5); tract 9604 (Relatively Low, 76.3)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 9602 is Census Tract 9602). 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
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	32 records, 1996 to 2026 (32 zone-level)	1 day to 8 days (median 2 days); 26 with a recorded value	8 consecutive days, 2019-01-25 to 2019-02-01, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	7 records, 2006 to 2013 (7 zone-level)		No crop damage reported in 7 records.		Countywide (zone-level records).	
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)	91 records, 1969 to 2025	0.75 in to 2.25 in (median 1 in); 91 with a recorded value	2.25 in hail, 1969-07-11	Hail, 2015-05-27, \$500,000 property; \$0 crops (2015 dollars)	Event records naming jurisdictions in the plan: Menominee city (16 records), Menominee township (16 records), Stephenson city (7 records), Stephenson township (7 records), Carney village (6 records), Spalding township (5 records), Daggett township (3 records), Daggett village (3 records), Powers village (3 records), Faithorn township (1 record); and 3 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	6 records, 2006 to 2026 (6 zone-level)	1 day to 2 days (median 1 day); 6 with a recorded value	2 consecutive days, 2022-06-20 to 2022-06-21, 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)	7 records, 1998 to 2026 (7 zone-level)		No damage reported in 7 records.		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	11 records, 1996 to 2026 (6 zone-level)		Lakeshore Flood, 2020-05-18, \$1,000,000 property; \$0 crops (2020 dollars); NWS zone MIZ012		Event records naming jurisdictions in the plan: Spalding township (2 records), Stephenson city (2 records), Stephenson township (2 records), Faithorn township (1 record). Zone-level records (6) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	2 records, 2014 to 2017		Lightning, 2017-07-25, \$500,000 property; \$0 crops (2017 dollars)		Event records naming jurisdictions in the plan: Harris township (1 record), Powers village (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)	11 records, 2002 to 2024 (11 zone-level)	39 kt (45 mph) to 61 kt (70 mph) (median 52 kt (60 mph)); 11 with a recorded value	61 kt (70 mph) estimated gust, High Wind, 2024-06-25; NWS zone MIZ012		Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	127 records, 1963 to 2025	40 kt (46 mph) to 96 kt (110 mph) (median 55 kt (63 mph)); 114 with a recorded value	96 kt (110 mph) estimated gust, Thunderstorm Wind, 2022-06-15		Event records naming jurisdictions in the plan: Menominee city (15 records), Menominee township (15 records), Stephenson city (11 records), Stephenson township (11 records), Daggett township (10 records), Daggett village (10 records), Carney village (8 records), Faithorn township (4 records), Powers village (4 records), Spalding township (3 records); and 3 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	9 records, 1972 to 2016	F/EF0 to F/EF3 (median F/EF2); 9 with a recorded value	F3 tornado, 1986-07-04, 16.3 mi path length (whole path, pre-1996), 750 yd wide, \$2,500,000 property; crops not recorded (1986 dollars), 12 direct injuries		No event record names a jurisdiction in the plan.	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Tsunami	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
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	166 records, 1996 to 2026 (166 zone- level)		Winter Weather, 2019-02-23, \$150,000 property; \$0 crops (2019 dollars); NWS zone MIZ012		Countywide (zone-level records).	

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

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 tsunamis.

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: 8 declarations covering 5 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
2026-06-30	2026-04-10	DR-4925-MI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Tornado	no Public Assistance recorded	new since last plan; within last 5 years	
2020-03-27	2020-01-20	DR-4494-MI	Major disaster	COVID-19 Pandemic	Non-natural, not counted	no Public Assistance recorded		
2020-03-13	2020-01-20	EM-3455-MI	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4494
2018-08-02	2018-06-16	DR-4381-MI	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$137,860.99		
2005-09-07	2005-08-29	EM-3225-MI	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
1978-01-27	1978-01-27	EM-3057-MI	Emergency	Blizzards & Snowstorms	Winter Weather	no Public Assistance recorded		
1977-03-02	1977-03-02	EM-3035-MI	Emergency	Drought	Drought	no Public Assistance recorded		
1973-04-12	1973-04-12	DR-371-MI	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1956-04-05	1956-04-05	DR-53-MI	Major disaster	Tornado	Tornado
1953-06-09	1953-06-09	DR-6-MI	Major disaster	Tornado	Tornado
1953-06-02	1953-06-02	DR-4-MI	Major disaster	Tornado	Tornado

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.

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
Coastal Flooding	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	39	5	2	8	0	0	1996 to 2026-06-30	Includes 7 Frost/Freeze records.
Drought	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	91	3	1	4	0	0	1955 to 2026-06-30	
Heat Wave	6	3	2	5	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	7	2	0	2	0	0	1996 to 2026-06-30	
Inland Flooding	11	1	0	1	3	1	1996 to 2026-06-30	
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	2	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	138	10	2	13	0	0	1955 to 2026-06-30	Includes 8 High Wind and 3 Strong Wind records.
Tornado	9	0	0	0	1	1	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events

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
Wildfire	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	166	19	8	31	1	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2024-06-25	High Wind	61 kt (70 mph) estimated gust	\$20,000 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone MIZ012 (MENOMINEE), zone-level	new since last plan; within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2022-06-20	Excessive Heat		\$0 property; \$0 crops (zone total, 2022 dollars)	0, 0	NWS zone MIZ012 (MENOMINEE), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2022-06-15	Thunderstorm Wind	96 kt (110 mph) estimated gust	\$500,000 property; \$0 crops (2022 dollars)	0, 0	FAITHORN to HERMANVILLE	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Thunderstorm Wind
2020-05-18	Lakeshore Flood		\$1,000,000 property; \$0 crops (zone total, 2020 dollars)	0, 0	NWS zone MIZ012 (MENOMINEE), zone-level		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2019-02-23	Winter Weather		\$150,000 property; \$0 crops (zone total, 2019 dollars)	0, 0	NWS zone MIZ012 (MENOMINEE), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2019-01-25	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2019 dollars)	0, 0	NWS zone MIZ012 (MENOMINEE), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2017-07-25	Lightning		\$500,000 property; \$0 crops (2017 dollars)	0, 0	HARRIS		B1-c worst recorded: Lightning
2015-05-27	Hail	2 in	\$500,000 property; \$0 crops (2015 dollars)	0, 0	STEPHENSON		B1-c most damaging: Hail
2014-09-04	Lightning		\$0 property; \$0 crops (2014 dollars)	0, 1	POWERS		deaths or injuries recorded
1986-07-04	Tornado	F3, 16.3 mi path length (whole path, pre-1996), 750 yd wide	\$2,500,000 property; crops not recorded (1986 dollars)	0, 12	location not recorded		deaths or injuries recorded
1985-06-08	Tornado	F1, 2.5 mi path length (whole path, pre-1996), 50 yd wide	\$2,500 property; crops not recorded (1985 dollars)	1, 0	location not recorded		deaths or injuries recorded
1969-07-11	Hail	2.25 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail

The full list is in the Excel file, sheet "B1-d Storm Events history" (469 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
Coastal Flooding	0.0129	events per year at a location (modeled)	about 0.013 per year at a given location in the county		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Cold Wave	4	event-days per year	about 4 days per year	Likely	Storm Events event-days in 14 of 30 years, 1996 to 2025 (46.7%)	76	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	1.25	event-days per year	about 1.25 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	42	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.000289	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0289%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.08	events per year	about 1.08 per year	Highly likely	FEMA annualized frequency (modeled)	41.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.368	event-days per year	about 0.368 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	7	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0000222	events per year	about 1 in 45,059 years	Unlikely	FEMA annualized frequency (modeled)	0	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	0.0231	event-days per year	about 0.0231 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	1	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.357	event-days per year	about 0.357 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	10	1996 to 2023 (28 years)	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
Landslide	0.209	events per year (modeled)	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	26.5	days per year with a strike	about 26.5 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.14	events per year	about 1.14 per year	Highly likely	FEMA annualized frequency (modeled)	35	1986 to 2023 (38 years)	countywide	
Tornado	0.14	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		annual probability at the most exposed location (used in place of a county value)			Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Wildfire	0.0000703	annual probability at a location	chance a given location in the county burns in a year: 0.00703%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	14.4	event-days per year	about 14.4 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	274	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	37	30	1.23
Hail	2.00 in+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	102	30	3.4
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	11	30	0.367
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	3	30	0.1
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	
Coastal Flooding	5 of 7	68.7	80.4	84.2	Relatively Low 4, Very Low 1, No Rating 2
Cold Wave	7 of 7	97.2	98.8	99.1	Very High 7
Drought	3 of 7	77.7	79.6	80.7	Relatively Low 2, Very Low 1, No Rating 4
Earthquake	7 of 7	5.2	6.4	8.2	Very Low 7
Hail	7 of 7	84.8	87.2	89.1	Relatively High 1, Relatively Moderate 6
Heat Wave	7 of 7	4.4	6.2	7.2	Very Low 7
Hurricane	0 of 7				No Rating 7
Ice Storm	7 of 7	9.5	42.7	73.1	Relatively Moderate 1, Relatively Low 3, Very Low 3
Inland Flooding	7 of 7	27.1	66.7	79.2	Relatively High 1, Relatively Moderate 4, Relatively Low 2
Landslide	7 of 7	21.3	84.9	93.4	Relatively Low 4, Very Low 3
Lightning	7 of 7	86.5	93.5	94.9	Relatively High 7
Strong Wind	7 of 7	66.7	71.2	82.6	Relatively High 1, Relatively Moderate 6
Tornado	7 of 7	42.4	51.7	62.8	Relatively Moderate 3, Relatively Low 4
Tsunami	0 of 7				Insufficient Data 7
Wildfire	7 of 7	37.5	76.1	79.2	Relatively Low 5, Very Low 2
Winter Weather	7 of 7	74.5	82.1	84.8	Relatively High 5, Relatively Moderate 2

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

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

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

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

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>
Menominee County	County	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 1	\$6,648.56	0 total; 0 since its plan
Carney village	Village	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	14 total; no approved plan
Daggett village	Village	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	13 total; no approved plan
Menominee city	City	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	31 total; no approved plan
Powers village	Village	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	8 total; 0 since its plan
Stephenson city	City	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	\$10,824.04	20 total; 1 since its plan
Cedarville township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Daggett township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	13 total; no approved plan
Faithorn township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	6 total; 1 since its plan
Gourley township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Harris township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; 0 since its plan
Holmes township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan
Ingallston township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	2 total; 0 since its plan
Lake township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan
Mellen township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Menominee township	Township	Plan 108110 approved 2023-03-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	31 total; no approved plan
Meyer township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Nadeau township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 0 since its plan
Spalding township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; 0 since its plan
Stephenson township	Township	Approved, expires 2028-03-02	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	20 total; 1 since its plan

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2023-03-03 <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
Coastal Flooding	\$1,825,319,823	n/a	1,262	\$8,828	n/a	\$1,001	0.000484%				
Cold Wave	\$6,681,416,728	\$48,394,600	23,484	\$708	\$51,013	\$5,092,276	under 0.0001%		\$0		
Drought	n/a	\$2,115,616	n/a	n/a	\$2,547	n/a	0.12% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$11,559,945,204	n/a	23,502	\$5,093	n/a	\$1,348	under 0.0001%				
Hail	\$6,681,416,728	\$48,394,600	23,484	\$389,441	\$9,178	\$15,246	0.00583%	\$0			
Heat Wave	\$6,681,416,728	\$48,394,600	23,484	\$190	under \$1	\$27,865	under 0.0001%		\$0		
Hurricane	\$6,681,416,728	\$48,394,600	23,484	\$0	\$0	\$0	0%				
Ice Storm	\$6,583,225,866	n/a	23,323	\$30,653	n/a	\$517	0.000466%		\$0		

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 2023-03-03 <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	\$6,653,719,733	\$1,121,384	1,156	\$4,498,239	\$5,557	\$13,002	n/a (see note)	\$877,000		no Public Assistance recorded (1 declaration)	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	\$35,368,110	n/a	120	\$100	n/a	\$2,270	0.000283%				
Lightning	\$6,681,416,728	n/a	23,484	\$24,262	n/a	\$286,079	0.000363%				
Strong Wind	\$6,681,416,728	\$48,394,600	23,484	\$41,392	\$67,381	\$125,334	0.00062%	\$86,000	\$20,000		Storm Events damage since the plan includes 1 zone-level High Wind record (\$20,000): a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition.
Tornado	\$6,681,416,728	\$48,394,600	23,484	\$266,769	\$315	\$173,290	0.00399%			no Public Assistance recorded (1 declaration)	
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$2,484,136,340	\$21,998,047	9,101	\$13,006	\$15	\$1,116	0.000524%				
Winter Weather	\$6,681,416,728	\$48,394,600	23,484	\$4,370	\$292	\$50,717	under 0.0001%		\$20,000		

Totals since 2023-03-03 (Storm Events through 2026-06-30): 13 county-coded records, 13 with a damage value recorded (including \$0), \$963,000; 30 zone-level records, 25 with a damage value recorded (including \$0), \$40,000 reported for the zone; Public Assistance: none recorded on the 1 counted declaration.

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	23,484
Building value (total, not at risk)	\$6,681,416,728
Agriculture value (total, not at risk)	\$48,394,600
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$5,419,349
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)	\$5,790,061
Social vulnerability rating	Relatively High
Community resilience rating	Very High
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	2	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	2	0	2	0	0
of which: Menominee County (unincorporated area)	0	0	1	0	1	0	0
of which: Ingallston township	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	4	0	4	0	0

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

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

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Menominee County	260264	0	0	1	0	1	0	0
Carney village	261494	0	0	0	0	0	0	0
Daggett village	261495	0	0	0	0	0	0	0
Menominee city	260138	0	0	0	0	0	0	0
Powers village	260460	0	0	0	0	0	0	0
Stephenson city	260139	0	0	0	0	0	0	0
Cedarville township	260659	0	0	0	0	0	0	0
Daggett township	260690	0	0	0	0	0	0	0
Faithorn township	260689	0	0	0	0	0	0	0
Gourley township	260455	0	0	0	0	0	0	0
Harris township	260456	0	0	0	0	0	0	0
Holmes township	260457	0	0	0	0	0	0	0
Ingallston township	260660	0	0	1	0	1	0	0
Lake township	260908	0	0	0	0	0	0	0
Mellen township	260692	0	0	0	0	0	0	0
Menominee township	260702	0	0	0	0	0	0	0
Meyer township	260458	0	0	0	0	0	0	0
Nadeau township	260459	0	0	0	0	0	0	0
Spalding township	260461	0	0	0	0	0	0	0
Stephenson township	261503	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	2	0	2	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	0	0	0	0	0
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 2 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).

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