

Chenango County, NY

Risk-assessment baseline packet

Unit **County area 36017** Release **2026-10** As of **2026-09-28** 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.

A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

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).

Plan clock

Status	Expired on 2026-07-15	Plan	Chenango County 2021 (FEMA plan 107619)
Approved	2021-07-16	Expires	2026-07-15
As of	2026-09-28	Days	75 days since expiry
Update underway	FEMA tracker shows a plan in review		

Generally not eligible for FEMA mitigation project grants (HMGP, FMA) until a new plan is approved, barring a 44 CFR 201.6(a)(3) exception. Planning grants are not affected.

What changed since your last plan (approved 2021-07-16)

New federal declarations	EM-3565-NY, DR-4825-NY (2 declaration rows; 2 counted incidents)	Storm Events records since approval	104 (data through 2026-06-30)
Repetitive loss now	FMA RL 14, SRL 6 (44 CFR 77.2); any definition: 88	Repeat-flood change	First release: no prior release to compare.

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

Plan status for every jurisdiction listed in this county: 31 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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Plan clock**Plan status for every jurisdiction listed in this county**

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Chenango County	County	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-17
Afton village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-20
Bainbridge village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-31
Earlville village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540	FEMA tracker shows a plan in review	member approved 2023-03-20
Greene village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-13
New Berlin village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-13
Norwich city	City	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-26
Oxford village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-02
Sherburne village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-19
Smyrna village	Village	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	
Afton town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-09
Bainbridge town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-11-15
Columbus town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-26
Coventry town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-08
German town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-17

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Greene town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-10-12
Guilford town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	
Lincklaen town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-19
McDonough town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-12-20
New Berlin town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-26
North Norwich town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-26
Norwich town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-27
Otselic town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-17
Oxford town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-16
Pharsalia town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-20
Pitcher town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75		member approved 2021-09-02
Plymouth town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-17
Preston town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-09-07
Sherburne town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-11-15
Smithville town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2021-08-19
Smyrna town	Town	Expired on 2026-07-15	Chenango County 2021 (FEMA plan 107619)	2021-07-16	2026-07-15	-75	FEMA tracker shows a plan in review	member approved 2022-11-25

SOURCEFEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Supports B1-a: hazards**

Hazards NRI does not cover: check locally

- 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)

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$23,035,172	\$11,515	\$566,646	\$23,613,333	135		
2	Cold Wave	Relatively Low	Relatively Moderate	\$1,543	\$58	\$1,173,970	\$1,175,571	18		
3	Tornado	Relatively Low	Relatively Low	\$312,562	\$761	\$641,720	\$955,043	15		
4	Hurricane	Relatively Low	Relatively Low	\$322,932	\$34,515	\$8,825	\$366,272	0		Declared 6 times; no Storm Events record of this type.
5	Strong Wind	Relatively Low	Relatively Low	\$116,343	\$1,046	\$112,891	\$230,280	266		Includes 12 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
6	Lightning	Relatively Low	Relatively Low	\$4,239		\$187,535	\$191,774	8		
7	Earthquake	Very Low	Very Low	\$110,531		\$17,561	\$128,091			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
8	Ice Storm	Relatively Low	Relatively Low	\$93,441		\$23,651	\$117,092	10		
9	Winter Weather	Relatively Moderate	Relatively Moderate	\$17,181	\$56	\$81,297	\$98,535	100		
10	Heat Wave	Very Low	Very Low	under \$1	\$3,487	\$89,392	\$92,879	4		
11	Hail	Very Low	Very Low	\$13,607	\$33,885	\$12,251	\$59,744	104		
12	Wildfire	Very Low	Very Low	\$9,108	\$10	\$1,012	\$10,131	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
13	Landslide	Relatively Low	Very Low	\$1,001		\$4,032	\$5,034	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Drought	No Rating	No Expected Annual Losses		\$0		\$0	3		
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 16
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 16
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 16
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	16 of 16
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	16 of 16
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16
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.	16 of 16
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	16 of 16

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	16 of 16
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 16
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 16
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	16 of 16
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	16 of 16

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B1-c: extent

Extent: scale, observed range and worst recorded event per hazard

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	18, 1996 to 2022 (18 zone-level)	1 day to 4 days (median 1.5 days); 14 with a recorded value	4 consecutive days, 2005-01-21 to 2005-01-24, zone-level	Cold/Wind Chill, 2004-01-15, \$10,000 property; crops not reported, reported for the zone (2004 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required. Cold/Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	3, 1998 to 2001 (3 zone-level)	1 day to 31 days (median 30 days); 3 with a recorded value	31 days (1 month), 1998-12-01 to 1998-12-31, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	109, 1989 to 2026	0.75 in to 3 in (median 1 in); 109 with a recorded value	3 in hail, 2011-06-09	Hail, 2008-06-16, \$0 property; \$15,000 crops (2008 dollars)	Event records naming member places: Greene town (15 records), Greene village (15 records), Norwich city (8 records), Norwich town (8 records), Sherburne town (7 records), Sherburne village (7 records), Earlville village (6 records), New Berlin town (6 records), New Berlin village (6 records), Afton town (5 records); and 17 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	4, 2001 to 2012 (4 zone-level)	3 days to 10 days (median 6.5 days); 2 with a recorded value	10 consecutive days, 2001-08-01 to 2001-08-10, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	10, 1999 to 2008 (10 zone-level)		Ice Storm, 2003-04-04, \$2,000,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	135, 1996 to 2025 (26 zone-level)		Flash Flood, 2006-06-27, \$50,000,000 property; crops not reported (2006 dollars), 1 direct death		Event records naming member places: Sherburne town (20 records), Sherburne village (20 records), Greene town (12 records), Greene village (12 records), Bainbridge town (11 records), Bainbridge village (11 records), Oxford town (10 records), Oxford village (10 records), Norwich city (9 records), Norwich town (9 records); and 16 more member places (see the XLSX file). Zone-level records (26) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	8, 1996 to 2025		Lightning, 2025-04-14, \$370,000 property; \$0 crops (2025 dollars)		Event records naming member places: Norwich city (4 records), Norwich town (4 records), Plymouth town (1 record), Preston town (1 record), Sherburne town (1 record), Sherburne village (1 record), Smyrna town (1 record), Smyrna village (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	14, 1996 to 2019 (14 zone-level)	45 kt (52 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 9 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2003-10-15; NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties	High Wind, 2003-11-13, \$220,000 property; crops not reported, reported for the zone (2003 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	361, 1958 to 2026	50 kt (58 mph) to 88 kt (101 mph) (median 50 kt (58 mph)); 231 with a recorded value	88 kt (101 mph) measured sustained, Thunderstorm Wind, 2017-05-01		Event records naming member places: Greene town (30 records), Greene village (30 records), Norwich city (27 records), Norwich town (27 records), Bainbridge town (26 records), Bainbridge village (26 records), Oxford town (25 records), Oxford village (25 records), Afton town (15 records), Afton village (15 records); and 19 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	19, 1989 to 2024	F/EF0 to F/EF2 (median F/EF1); 19 with a recorded value	F2 tornado, 1989-10-14, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 300 yd wide, \$25,000 property; crops not recorded (1989 dollars), 2 direct deaths, 3 direct injuries	Tornado, 2011-04-28, \$625,000 property; \$0 crops (2011 dollars)	Event records naming member places: Otselic town (2 records), Oxford town (2 records), Oxford village (2 records), Bainbridge town (1 record), Bainbridge village (1 record), Columbus town (1 record), Guilford town (1 record), Lincklaen town (1 record), New Berlin town (1 record), New Berlin village (1 record); and 6 more member places (see the XLSX file).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Wildfire	acres burned (local data)	0					Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	100, 1996 to 2026 (100 zone-level)		Heavy Snow, 2003-01-03, \$300,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows 31 Counted incidents 23

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-09-24	2024-08-08	DR-4825-NY	Major disaster	REMNANTS OF TROPICAL STORM DEBBY	Hurricane (primary); also designated: Inland Flooding	\$700,988.72	new since last plan; within last 5 years	
2021-08-22	2021-08-21	EM-3565-NY	Emergency	HURRICANE HENRI	Hurricane	none found	new since last plan	
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$8,335,828.32		
2020-03-13	2020-01-20	EM-3434-NY	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4480
2019-12-19	2019-10-31	DR-4472-NY	Major disaster	SEVERE STORMS, STRAIGHT-LINE WINDS, AND FLOODING	Inland Flooding; Strong Wind	\$5,498,737.11		
2018-10-01	2018-08-13	DR-4397-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,811,389.94		
2017-07-12	2017-03-14	DR-4322-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$390,108.52		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2013-07-12	2013-06-26	DR-4129-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,028,934.53		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	HURRICANE SANDY	Hurricane	none found		
2011-09-13	2011-09-07	DR-4031-NY	Major disaster	REMNANTS OF TROPICAL STORM LEE	Hurricane	\$4,233,034.09		
2011-09-08	2011-09-07	EM-3341-NY	Emergency	REMNANTS OF TROPICAL STORM LEE	Hurricane	none found		same incident as DR-4031
2011-06-10	2011-04-26	DR-1993-NY	Major disaster	SEVERE STORMS, FLOODING, TORNADOES, AND STRAIGHT-LINE WINDS	Inland Flooding (primary); also designated: Strong Wind, Tornado	\$2,152,720.63		
2009-09-01	2009-08-08	DR-1857-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$619,498.89		
2008-12-18	2008-12-11	EM-3299-NY	Emergency	SEVERE WINTER STORM	Winter Weather	none found		
2006-12-12	2006-11-16	DR-1670-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$4,034,419.78		
2006-07-01	2006-06-26	DR-1650-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$9,555,466.24		
2005-09-30	2005-08-29	EM-3262-NY	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2005-04-19	2005-04-02	DR-1589-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,367,194.78		
2004-10-01	2004-09-16	DR-1565-NY	Major disaster	TROPICAL DEPRESSION IVAN	Hurricane	\$137,446.81		
2004-08-03	2004-05-13	DR-1534-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county		
2003-08-23	2003-08-14	EM-3186-NY	Emergency	POWER OUTAGE	Non-natural, not counted	\$1,261.02		
2003-05-12	2003-04-03	DR-1467-NY	Major disaster	ICE STORM	Ice Storm	\$195,050.83		
2003-03-27	2003-02-17	EM-3184-NY	Emergency	SNOW	Winter Weather	\$136,091.26		
2003-02-25	2002-12-25	EM-3173-NY	Emergency	SNOWSTORMS	Winter Weather	\$325,556.25		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	FIRES AND EXPLOSIONS	Non-natural, not counted	\$4,745		
2000-10-11	2000-05-22	EM-3155-NY	Emergency	WEST NILE VIRUS	Non-natural, not counted	none found		
2000-07-21	2000-05-03	DR-1335-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$480,377.69		
1998-06-16	1998-05-31	DR-1222-NY	Major disaster	SEVERE STORMS AND TORNADOES	Tornado	none found		
1996-01-24	1996-01-19	DR-1095-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	none found		
1993-03-17	1993-03-13	EM-3107-NY	Emergency	SEVERE BLIZZARD	Winter Weather	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						<i>federal share obligated,</i>	<i>nominal dollars</i>		
1972-06-23	1972-06-23	DR-338-NY	Major disaster	TROPICAL STORM AGNES	Inland Flooding (primary); also designated: Hurricane			none found	

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

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1963-08-23	1963-08-23	DR-158-NY	Major disaster	HEAVY RAINS & FLOODING	Inland Flooding		
1962-03-16	1962-03-16	DR-129-NY	Major disaster	SEVERE STORM, HIGH TIDES & FLOODING	Inland Flooding (primary); also designated: Coastal Flooding		
1956-03-29	1956-03-29	DR-52-NY	Major disaster	FLOOD	Inland Flooding		
1955-08-22	1955-08-22	DR-45-NY	Major disaster	HURRICANE & FLOODS	Hurricane (primary); also designated: Inland Flooding		
1954-10-07	1954-10-07	DR-26-NY	Major disaster	HURRICANES	Hurricane (primary); also designated: Inland Flooding		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.
1 Fire Management declaration (1995-08-25 to 1995-08-25) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

SOURCE

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	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	18	2	0	2	0	0	1996 to 2026-06-30	
Drought	3	0	0	0	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	109	8	0	8	0	0	1955 to 2026-06-30	
Heat Wave	4	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	6	2	1996 to 2026-06-30	No Storm Events records of this type; 6 federal declared incidents (see declarations table)

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Ice Storm	10	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	135	15	1	11	12	1	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	8	1	0	1	0	0	1996 to 2026-06-30	
Strong Wind	375	61	14	54	2	0	1955 to 2026-06-30	Includes 12 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	19	1	0	1	2	0	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
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	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	100	16	3	16	5	0	1996 to 2026-06-30	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2025-04-14	Lightning		\$370,000 property; \$0 crops (2025 dollars)	0, 0	SHERBURNE	new since last plan; within last 5 years	B1-c worst recorded: Lightning
2017-05-01	Thunderstorm Wind	88 kt (101 mph) measured sustained	\$100,000 property; \$0 crops (2017 dollars)	0, 0	NORWICH EATON ARPT		B1-c worst recorded: Thunderstorm Wind
2011-06-09	Hail	3 in	\$0 property; \$0 crops (2011 dollars)	0, 0	SOUTH OTSELIC		B1-c worst recorded: Hail
2006-06-27	Flash Flood		\$50,000,000 property; crops not reported (2006 dollars)	1, 0	COUNTYWIDE		deaths or injuries recorded

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2005-01-21	Cold/Wind Chill		\$0 property; crops not reported, reported for the zone (2005 dollars)	0, 0	NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2003-10-15	High Wind	60 kt (69 mph) estimated gust	\$50,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2003-04-04	Ice Storm		\$2,000,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2003-01-03	Heavy Snow		\$300,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2001-08-01	Heat		damage not reported	0, 0	NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
1998-12-01	Drought		damage not reported	0, 0	NWS zone NYZ045 (CHENANGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
1995-06-26	Thunderstorm Wind	speed not recorded	\$500 property; crops not recorded (1995 dollars)	1, 0	Smithville Flats		deaths or injuries recorded
1989-10-14	Tornado	F2, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 300 yd wide	\$25,000 property; crops not recorded (1989 dollars)	2, 3	location not recorded		deaths or injuries recorded

The full list is in the **XLSX** file, sheet "**B1-d Storm Events history**" (781 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

Tribal and special-area declarations in this state are listed on the state page.

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	4.32	event-days per year	about 4.32 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	82	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 4.32 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 8 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0	event-days per year	none modeled	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI models no drought event-days here (2000 to 2025, 25.25 years; D3 and D4 only), but Storm Events has a record in 3 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out, so the two use different thresholds; read them together.
Earthquake	0.00054	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.054%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	2.67	events per year	about 2.67 per year	Highly likely	FEMA annualized frequency (modeled)	101.5 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.58	event-days per year	about 1.58 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	27	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.58 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 4 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.

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
Hurricane	0.0179	events per year	about 1 in 56 years	Possible	FEMA annualized frequency (modeled)	6	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	0.599	event-days per year	about 0.599 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	41	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.36	event-days per year	about 2.36 days per year	Likely	event-days in 26 of 30 years, 1996 to 2025 (86.7%)	66	1996 to 2023 (28 years)	see B1-f	
Landslide	0.647	events per year (modeled)	about 0.65 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	29.3	days per year with a strike	about 29.3 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.34	events per year	about 1.34 per year	Highly likely	FEMA annualized frequency (modeled)	52	1986 to 2023 (38 years)	countywide	
Tornado	0.228	events per year	about 1 in 4 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)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0000213	annual probability at a location	chance a given location in the county burns in a year: 0.00213%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	21.4	event-days per year	about 21.4 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	407	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

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	48	30	1.6
Hail	2.00 in+	1996 to 2025	6	30	0.2
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	213	30	7.1
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	11	30	0.367
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	22	30	0.733

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	EF0-1	1996 to 2025	13	30	0.433
Tornado	EF2-3	1996 to 2025	2	30	0.0667
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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.

SOURCE
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	0 of 16				Not Applicable 16	
Coastal Flooding	0 of 16				Not Applicable 16	
Cold Wave	16 of 16	45.3	62.5	71.9	Relatively Moderate 15, Relatively Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	0 of 16				No Rating 16	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Earthquake	16 of 16	14.9	25.0	36.6	Very Low 16	
Hail	16 of 16	32.4	40.9	48.9	Relatively Low 10, Very Low 6	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is 57% of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Heat Wave	16 of 16	4.3	8.1	12.6	Very Low 16	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	16 of 16	53.9	59.7	64.3	Relatively Low 16	
Ice Storm	16 of 16	45.3	63.9	77.1	Relatively Moderate 6, Relatively Low 10	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	16 of 16	46.3	87.7	98.9	Very High 4, Relatively High 10, Relatively Moderate 1, Relatively Low 1	
Landslide	16 of 16	16.9	87.3	93.2	Relatively Low 14, Very Low 2	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Lightning	16 of 16	35.6	55.0	67.2	Relatively Moderate 11, Relatively Low 5	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	16 of 16	31.9	48.9	59.3	Relatively Moderate 4, Relatively Low 12	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	16 of 16	39.5	50.4	60.1	Relatively Moderate 7, Relatively Low 9	
Tsunami	0 of 16				Not Applicable 16	
Volcanic Activity	0 of 16				Not Applicable 16	
Wildfire	16 of 16	50.5	63.7	68.2	Very Low 16	
Winter Weather	16 of 16	57.4	73.8	81.8	Relatively High 4, Relatively Moderate 12	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Chenango County	County	Expired on 2026-07-15		\$7,404,590.75	0; 0	No NFIP community ID on this member's plan row. Includes \$6,006.02 for declarations not counted as hazard incidents (DR-1391-NY, EM-3186-NY).
Afton village	Village	Expired on 2026-07-15	FMA RL 2, SRL 0; any 4	\$686,686.79	22; 7	
Bainbridge village	Village	Expired on 2026-07-15	FMA RL 0, SRL 0; any 9	\$409,160.72	42; 4	
Earlville village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	none found	14; 2	
Greene village	Village	Expired on 2026-07-15	FMA RL 5, SRL 2; any 19	\$275,860.62	57; 7	
New Berlin village	Village	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$23,514.66	25; 2	
Norwich city	City	Expired on 2026-07-15	FMA RL 0, SRL 1; any 18	\$459,307.97	49; 6	
Oxford village	Village	Expired on 2026-07-15	FMA RL 0, SRL 0; any 7	\$146,408.28	41; 9	

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Sherburne village	Village	Expired on 2026-07-15	FMA RL 0, SRL 0; any 1	\$62,271.55	42; 4	
Smyrna village	Village	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$3,455.53	18; 3	
Afton town	Town	Expired on 2026-07-15	FMA RL 2, SRL 0; any 4	\$781,935.62	22; 7	
Bainbridge town	Town	Expired on 2026-07-15	FMA RL 3, SRL 1; any 7	\$835,319.95	42; 4	
Columbus town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$1,122,358.89	6; 0	
Coventry town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 1	\$1,029,494.30	9; 3	
German town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$311,573.98	1; 0	
Greene town	Town	Expired on 2026-07-15	FMA RL 1, SRL 1; any 7	\$2,431,585.99	57; 7	
Guilford town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 1	\$1,099,785.35	15; 1	
Lincklaen town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$118,313.20	6; 3	
McDonough town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$938,768.82	1; 0	
New Berlin town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 1	\$383,693.06	25; 2	
North Norwich town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$579,562.10	13; 1	
Norwich town	Town	Expired on 2026-07-15	FMA RL 1, SRL 1; any 2	\$841,934.17	49; 6	
Otselic town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$105,243.62	9; 1	
Oxford town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 3	\$2,147,456.86	41; 9	
Pharsalia town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$397,026.17	5; 0	
Pitcher town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$207,269.52	5; 0	
Plymouth town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$1,405,024.34	14; 1	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Preston town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$316,674.48	7; 2	
Sherburne town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 4	\$969,859.44	42; 4	
Smithville town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$943,012.08	2; 0	
Smyrna town	Town	Expired on 2026-07-15	FMA RL 0, SRL 0; any 0	\$3,605,904.27	18; 3	

Member 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 member row, while the county table counts only its part in this county.

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

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

- Critical facilities and lifelines per hazard
- A problem statement per participant 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

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2021-07-16 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$12,044,400,554	\$87,474,124	47,199	\$1,543	\$58	\$1,173,970	under 0.0001%		\$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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2021-07-16 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Drought		\$0				\$0					agriculture exposure is 0 in NRI
Earthquake	\$21,226,539,924		47,220	\$110,531		\$17,561	0.000521%				
Hail	\$12,044,400,554	\$87,474,124	47,199	\$13,607	\$33,885	\$12,251	0.000113%	\$0			
Heat Wave	\$12,044,400,554	\$87,474,124	47,199	under \$1	\$3,487	\$89,392	under 0.0001%				
Hurricane	\$11,967,483,211	\$84,728,485	46,794	\$322,932	\$34,515	\$8,825	0.0027%			\$700,988.72	
Ice Storm	\$12,042,182,634		47,191	\$93,441		\$23,651	0.000776%				
Inland Flooding	\$12,016,242,180	\$9,498,450	4,301	\$23,035,172	\$11,515	\$566,646	n/a (see note)	\$1,085,000		\$700,988.72	NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$511,341,816		2,215	\$1,001		\$4,032	0.000196%				
Lightning	\$12,044,400,554		47,199	\$4,239		\$187,535	under 0.0001%	\$370,000			
Strong Wind	\$12,044,400,554	\$87,474,124	47,199	\$116,343	\$1,046	\$112,891	0.000966%	\$218,750			
Tornado	\$12,044,400,554	\$87,474,124	47,199	\$312,562	\$761	\$641,720	0.0026%	\$120,000			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$7,596,121,109	\$65,418,392	31,595	\$9,108	\$10	\$1,012	0.00012%				
Winter Weather	\$12,044,400,554	\$87,474,124	47,199	\$17,181	\$56	\$81,297	0.000143%		\$94,800		

Totals since 2021-07-16 (Storm Events through 2026-06-30): 86 county-coded records, 86 with a damage value recorded (including \$0), \$1,793,750; 18 zone-level records, 18 with a damage value recorded (including \$0), \$94,800 reported for the zone; Public Assistance on counted declarations \$700,988.72 (2 declarations, 1 with PA).

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

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 must not be added up; the unit total counts each declaration once.

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

Measure	Value
Population	47,199
Building value (total, not at risk)	\$12,044,400,554
Agriculture value (total, not at risk)	\$87,474,124
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$24,122,995
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)	\$2,920,784
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively Moderate
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	14	Severe repetitive loss, FMA definition (44 CFR 77.2)	6
Repetitive loss, NFIP insurance definition	87	Severe repetitive loss, NFIP insurance definition	4

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCES
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties: county and state-level rows

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	14	6	87	4	88	1	29
BAINBRIDGE, VILLAGE OF	0	0	9	0	9	0	3
GREENE, VILLAGE OF	5	2	18	1	19	1	12
NORWICH, CITY OF	0	1	18	1	18	0	7
NORWICH, TOWN OF	1	1	2	1	2	0	0

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>
OXFORD, VILLAGE OF	0	0	7	0	7	0	2
SHERBURNE, VILLAGE OF	0	0	1	0	1	0	0
AFTON, VILLAGE OF	2	0	4	0	4	0	1
AFTON, TOWN OF	2	0	4	0	4	0	1
BAINBRIDGE, TOWN OF	3	1	7	0	7	0	0
GREENE, TOWN OF	1	1	7	1	7	0	0
GUILFORD, TOWN OF	0	0	1	0	1	0	0
NEW BERLIN, TOWN OF	0	0	1	0	1	0	1
OXFORD, TOWN OF	0	0	3	0	3	0	0
SHERBURNE, TOWN OF	0	0	4	0	4	0	1
COVENTRY, TOWN OF	0	0	1	0	1	0	1
State level, not in this county: county not reported	0	0	19	0	19	0	3

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties by plan member (NFIP community)**

Member	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>	Note
Afton village	360979	2	0	4	0	4	0	1	
Bainbridge village	360158	0	0	9	0	9	0	3	
Earlville village	360397	0	0	0	0	0	0	0	
Greene village	360159	5	2	18	1	19	1	12	
New Berlin village	360160	0	0	0	0	0	0	0	
Norwich city	360161	0	1	18	1	18	0	7	
Oxford village	360163	0	0	7	0	7	0	2	
Sherburne village	360164	0	0	1	0	1	0	0	
Smyrna village	361378	0	0	0	0	0	0	0	
Afton town	361084	2	0	4	0	4	0	1	
Bainbridge town	361085	3	1	7	0	7	0	0	
Columbus town	361086	0	0	0	0	0	0	0	
Coventry town	361375	0	0	1	0	1	0	1	
German town	361587	0	0	0	0	0	0	0	
Greene town	361087	1	1	7	1	7	0	0	
Guilford town	361088	0	0	1	0	1	0	0	
Lincklaen town	361376	0	0	0	0	0	0	0	

Member	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>	Note
McDonough town	361377	0	0	0	0	0	0	0	
New Berlin town	361303	0	0	1	0	1	0	1	
North Norwich town	361089	0	0	0	0	0	0	0	
Norwich town	360162	1	1	2	1	2	0	0	
Otsellic town	361090	0	0	0	0	0	0	0	
Oxford town	361304	0	0	3	0	3	0	0	
Pharsalia town	361091	0	0	0	0	0	0	0	
Pitcher town	361092	0	0	0	0	0	0	0	
Plymouth town	361305	0	0	0	0	0	0	0	
Preston town	361306	0	0	0	0	0	0	0	
Sherburne town	361307	0	0	4	0	4	0	1	
Smithville town	361040	0	0	0	0	0	0	0	
Smyrna town	361308	0	0	0	0	0	0	0	

Per-member types: XLSX sheet 'B2-c Members'.

Member 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 member row, while the county table counts only its part in this county.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

County repeat-flood properties by occupancy group

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	12	5	68	3	69	1	26
2 to 4 unit residential	0	0	9	0	9	0	3
other residential	0	0	1	0	1	0	0
non-residential	2	1	9	1	9	0	0
not reported	0	0	0	0	0	0	0

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

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; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 1 property is FMA repetitive loss but not NFIP repetitive loss, and 74 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <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 2026-09-28, 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 2026-09-28, <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 2026-09-28, <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 2026-09-28, 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

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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_NY_36017. Preview: automated baseline.