

Sullivan County, NY

Risk-assessment baseline packet

Unit **County area 36105** 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 2026-04-27	Plan	Sullivan County 2021 (FEMA plan 107054)
Approved	2021-04-28	Expires	2026-04-27
As of	2026-09-28	Days	154 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 2021-04-28)

New federal declarations	EM-3565-NY, EM-3572-NY, DR-4615-NY (3 declaration rows; 2 counted incidents)	Storm Events records since approval	135 (data through 2026-06-30)
Repetitive loss now	FMA RL 10, SRL 24 (44 CFR 77.2); any definition: 155	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: 23 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 <i>negative = days since expiry</i>	Update underway	Notes
Sullivan County	County	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	
Bloomingsburg village	Village	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-06-16
Jeffersonville village	Village	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Liberty village	Village	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-02-08
Monticello village	Village	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Woodridge village	Village	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Wurtsboro village	Village	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Bethel town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-04-04
Callicoon town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-01-27
Cochecton town	Town	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Delaware town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-01-27
Fallsburg town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-01-27
Forestburgh town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-12-05
Fremont town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-01-27
Highland town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-04-11

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Liberty town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Lumberland town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-04-04
Mamakating town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Neversink town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-05-12
Rockland town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-01-27
Thompson town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-04-04
Tusten town	Town	Expired on 2026-04-27	Sullivan County 2021 (FEMA plan 107054)	2021-04-28	2026-04-27	-154	FEMA tracker shows a plan in review	member approved 2022-03-09
Ateres village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	

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	\$25,924,292	\$43,689	\$775,446	\$26,743,427	86		
2	Cold Wave	Relatively Moderate	Relatively Moderate	\$1,217	\$13,984	\$3,093,214	\$3,108,415	12		
3	Tornado	Relatively Moderate	Relatively Moderate	\$847,158	\$447	\$1,614,104	\$2,461,709	7		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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
4	Hurricane	Relatively Low	Relatively Low	\$1,499,043	\$49,663	\$39,637	\$1,588,343	0		Declared 6 times; no Storm Events record of this type.
5	Strong Wind	Relatively Moderate	Relatively Moderate	\$504,896	\$440	\$276,030	\$781,366	296		Includes 18 High Wind records and 3 Strong Wind records, event types the NRI definition of this hazard leaves out.
6	Earthquake	Relatively Low	Relatively Low	\$595,541		\$79,260	\$674,801			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
7	Lightning	Relatively Moderate	Relatively Moderate	\$25,965		\$538,214	\$564,179	6		
8	Heat Wave	Relatively Low	Relatively Low	under \$1	\$1,982	\$220,471	\$222,454	4		
9	Hail	Relatively Low	Relatively Low	\$14,408	\$74,160	\$48,938	\$137,506	106		
10	Winter Weather	Relatively Moderate	Relatively Moderate	\$42,192	\$20	\$55,354	\$97,566	91		
11	Ice Storm	Relatively Low	Relatively Low	\$81,847		\$10,014	\$91,862	9		
12	Wildfire	Very Low	Very Low	\$10,158	\$4	\$2,613	\$12,776	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	Relatively Low	\$3,990		\$6,508	\$10,498	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	Very Low	Very Low		\$9,478		\$9,478	6		
15	Avalanche	Very Low	Very Low	under \$1		\$160	\$160	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					0		Declared 1 time; no Storm Events record of this type.
	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.	10 of 31
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 31
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	5 of 31
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.	31 of 31
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31
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.	31 of 31
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31
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.	31 of 31
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.	31 of 31
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31
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.	31 of 31
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 31
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 31
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.	31 of 31
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	31 of 31

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	12, 1996 to 2022 (12 zone-level)	1 day to 3 days (median 2 days); 10 with a recorded value	3 consecutive days, 1996-03-08 to 1996-03-10, 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	6, 1997 to 2024 (6 zone-level)	1 day to 31 days (median 30 days); 5 with a recorded value	31 days (1 month), 1998-12-01 to 1998-12-31, zone-level	Drought, 1997-08-01, property not reported; \$200,000 crops, reported for the zone (1997 dollars)	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.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	119, 1972 to 2024	0.75 in to 2.5 in (median 1 in); 119 with a recorded value	2.5 in hail, 1995-06-20	Hail, 2008-06-16, \$0 property; \$25,000 crops (2008 dollars)	Event records naming member places: Monticello village (9 records), Liberty town (7 records), Liberty village (7 records), Bethel town (4 records), Jeffersonville village (4 records), Wurtsboro village (4 records), Callicoon town (3 records), Cochection town (2 records), Woodridge village (2 records), Neversink town (1 record).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
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)	9, 1998 to 2021 (9 zone-level)		Ice Storm, 2002-11-16, \$15,000 property; crops not reported, reported for the zone (2002 dollars); NWS zone NYZ062 (SULLIVAN), 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)	86, 1996 to 2023 (8 zone-level)		Flash Flood, 2006-06-27, \$100,000,000 property; crops not reported (2006 dollars), 1 direct death		Event records naming member places: Callicoon town (7 records), Jeffersonville village (6 records), Bloomingburg village (4 records), Rockland town (4 records), Liberty town (2 records), Liberty village (2 records), Monticello village (2 records), Woodridge village (2 records), Wurtsboro village (2 records), Cochection town (1 record); and 2 more member places (see the XLSX file). Zone-level records (8) 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.
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)	6, 1996 to 2005		Lightning, 1996-08-03, damage not reported, 1 direct death	Lightning, 2002-07-19, \$200,000 property; crops not reported (2002 dollars)	Event records naming member places: Monticello village (1 record), Tusten town (1 record).	Storm Events lists lightning with damage or casualties; 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
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	21, 1996 to 2022 (21 zone-level)	45 kt (52 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 12 with a recorded value	70 kt (81 mph) estimated gust, High Wind, 2012-10-29; NWS zone NYZ062 (SULLIVAN), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	328, 1957 to 2026	50 kt (58 mph) to 90 kt (104 mph) (median 50 kt (58 mph)); 260 with a recorded value	90 kt (104 mph) estimated gust, Thunderstorm Wind, 2017-02-25	Thunderstorm Wind, 2018-05-15, \$100,000 property; \$0 crops (2018 dollars)	Event records naming member places: Monticello village (27 records), Jeffersonville village (10 records), Wurtsboro village (10 records), Bethel town (9 records), Bloomingburg village (7 records), Liberty town (7 records), Liberty village (7 records), Callicoon town (6 records), Fremont town (5 records), Woodridge village (5 records); and 5 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	12, 1961 to 2025	F/EF0 to F/EF2 (median F/EF1); 12 with a recorded value	F2 tornado, 1961-05-09, 6.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 250 yd wide, \$2,500,000 property; crops not recorded (1961 dollars), 4 direct injuries	Tornado, 1989-11-16, \$25,000,000 property; crops not recorded (1989 dollars)	Event records naming member places: Monticello village (2 records), Jeffersonville village (1 record), Rockland town (1 record).	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.
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)	91, 1996 to 2026 (91 zone-level)		Heavy Snow, 2003-01-03, \$300,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone NYZ062 (SULLIVAN), 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 35 Counted incidents 25

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
2021-09-05	2021-09-01	DR-4615-NY	Major disaster	REMNANTS OF HURRICANE IDA	Hurricane	\$3,451,250.74	new since last plan	
2021-09-02	2021-09-01	EM-3572-NY	Emergency	REMNANTS OF HURRICANE IDA	Hurricane	none found	new since last plan	same incident as DR-4615
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	\$11,329,424.20		
2020-03-13	2020-01-20	EM-3434-NY	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4480
2017-07-12	2017-03-14	DR-4322-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$503,012.96		
2012-10-30	2012-10-27	DR-4085-NY	Major disaster	HURRICANE SANDY	Hurricane	\$1,080,453.45		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	HURRICANE SANDY	Hurricane	none found		same incident as DR-4085
2011-09-08	2011-09-07	EM-3341-NY	Emergency	REMNANTS OF TROPICAL STORM LEE	Hurricane	none found		
2011-08-31	2011-08-26	DR-4020-NY	Major disaster	HURRICANE IRENE	Hurricane	\$3,045,263.85		
2011-08-26	2011-08-25	EM-3328-NY	Emergency	HURRICANE IRENE	Hurricane	none found		same incident as DR-4020
2008-12-18	2008-12-11	EM-3299-NY	Emergency	SEVERE WINTER STORM	Winter Weather	none found		
2007-07-02	2007-06-19	DR-1710-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$171,654.54		
2006-12-12	2006-11-16	DR-1670-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$18,075.32		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						federal share obligated, nominal dollars		
2006-07-01	2006-06-26	DR-1650-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$9,650,152.33		
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	\$6,018,591.50		
2004-10-01	2004-09-16	DR-1565-NY	Major disaster	TROPICAL DEPRESSION IVAN	Hurricane	\$2,757,483.72		
2004-10-01	2004-08-13	DR-1564-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,816,285.20		
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		
2003-08-29	2003-07-21	DR-1486-NY	Major disaster	SEVERE STORMS, FLOODING, AND TORNADOES	Inland Flooding; Tornado	\$283,654.84		
2003-08-23	2003-08-14	EM-3186-NY	Emergency	POWER OUTAGE	Non-natural, not counted	none found		
2003-03-27	2003-02-17	EM-3184-NY	Emergency	SNOW	Winter Weather	\$314,055.91		
2003-02-25	2002-12-25	EM-3173-NY	Emergency	SNOWSTORMS	Winter Weather	\$658,066.22		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	FIRES AND EXPLOSIONS	Non-natural, not counted	none found		
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	\$2,190,566.06		
1998-07-07	1998-06-25	DR-1233-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	none found		
1996-01-24	1996-01-19	DR-1095-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	none found		
1996-01-12	1996-01-06	DR-1083-NY	Major disaster	BLIZZARD OF 96 (SEVERE SNOW STORM)	Winter Weather	none found		
1993-03-17	1993-03-13	EM-3107-NY	Emergency	SEVERE BLIZZARD	Winter Weather	none found		
1984-04-17	1984-03-28	DR-702-NY	Major disaster	COASTAL STORMS & FLOODING	Coastal Flooding	none found		
1973-07-20	1973-07-20	DR-401-NY	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1969-08-26	1969-08-26	DR-275-NY	Major disaster	HEAVY RAINS & FLOODING	Inland Flooding	none found		
1965-08-18	1965-08-18	DR-204-NY	Major disaster	WATER SHORTAGE	Drought	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)

Public Assistance filed under this county for declarations that do not list it: 2 rows, \$10,271.43

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4031-NY	2011-09-13	REMNANTS OF TROPICAL STORM LEE	DENNING (TOWN OF)	\$3,052.92
DR-1692-NY	2007-04-24	SEVERE STORMS AND INLAND AND COASTAL FLOODING	Claryville Fire District	\$7,218.51

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

SOURCES

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
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 records	During plan review records	Last 5 years records	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	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Cold Wave	12	1	0	1	0	0	1996 to 2026-06-30	
Drought	6	2	0	2	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).

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
Hail	119	5	6	4	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)
Ice Storm	9	0	1	0	0	0	1996 to 2026-06-30	
Inland Flooding	86	13	1	9	11	0	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	6	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	349	101	17	74	0	0	1955 to 2026-06-30	Includes 18 High Wind records and 3 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	12	2	0	2	1	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	91	11	3	11	6	0	1996 to 2026-06-30	

SOURCESNOAA 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
2017-02-25	Thunderstorm Wind	90 kt (104 mph) estimated gust	\$75,000 property; \$0 crops (2017 dollars)	0, 0	HIGHLAND LAKE		B1-c worst recorded: Thunderstorm Wind
2012-10-29	High Wind	70 kt (81 mph) estimated gust	\$1,000,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone NYZ062 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2010-10-01	Flash Flood		\$10,000 property; \$0 crops (2010 dollars)	1, 0	ROCKLAND to GRAHAMSVILLE		deaths or injuries recorded
2006-06-27	Flash Flood		\$100,000,000 property; crops not reported (2006 dollars)	1, 0	NORTH PORTION		deaths or injuries recorded
2003-01-03	Heavy Snow		\$300,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ062 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2002-11-16	Ice Storm		\$15,000 property; crops not reported, reported for the zone (2002 dollars)	0, 0	NWS zone NYZ062 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2001-08-01	Heat		damage not reported	0, 0	NWS zone NYZ062 (SULLIVAN), 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 NYZ062 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
1996-08-03	Lightning		damage not reported	1, 0	FALLSBURGH		deaths or injuries recorded
1996-03-08	Cold/Wind Chill		damage not reported	0, 0	NWS zone NYZ062 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1995-06-20	Hail	2.5 in	\$10,000 property; \$2,000 crops (1995 dollars)	0, 0	Wurtsboro		B1-c worst recorded: Hail
1961-05-09	Tornado	F2, 6.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 250 yd wide	\$2,500,000 property; crops not recorded (1961 dollars)	0, 4	location not recorded		B1-c worst recorded: Tornado

The full list is in the **XLSX** file, sheet "**B1-d Storm Events history**" (694 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	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	4.37	event-days per year	about 4.37 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	83	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 4.37 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 6 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	0.497	event-days per year	about 0.497 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	49	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.0013	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.13%			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	2.38	events per year	about 2.38 per year	Highly likely	FEMA annualized frequency (modeled)	90.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.16	event-days per year	about 2.16 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	36	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.16 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	0.0423	events per year	about 1 in 24 years	Possible	FEMA annualized frequency (modeled)	16	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	0.576	event-days per year	about 0.576 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	39	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.89	event-days per year	about 1.89 days per year	Likely	event-days in 22 of 30 years, 1996 to 2025 (73.3%)	53	1996 to 2023 (28 years)	see B1-f	
Landslide	0.899	events per year (modeled)	about 0.9 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	30.4	days per year with a strike	about 30.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.82	events per year	about 2.82 per year	Highly likely	FEMA annualized frequency (modeled)	108	1986 to 2023 (38 years)	countywide	
Tornado	0.292	events per year	about 1 in 3 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	0.000198	annual probability at a location	chance a given location in the county burns in a year: 0.0198%		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	18.3	event-days per year	about 18.3 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	348	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	55	30	1.83
Hail	2.00 in+	1996 to 2025	4	30	0.133
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	247	30	8.23
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	17	30	0.567

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	6	30	0.2
Tornado	EF2-3	1996 to 2025	1	30	0.0333
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	10 of 31	18.7	22.3	24.0	Very Low 10, Not Applicable 21	
Coastal Flooding	0 of 31				Not Applicable 31	
Cold Wave	31 of 31	44.6	70.5	80.5	Relatively High 4, Relatively Moderate 25, Relatively Low 2	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	5 of 31	77.8	81.5	83.1	Relatively Low 3, Very Low 2, No Rating 26	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 all 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.
Earthquake	31 of 31	22.2	41.3	66.7	Relatively Low 16, Very Low 15	
Hail	31 of 31	23.6	37.9	61.3	Relatively Low 19, Very 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. Agriculture is 54% 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	31 of 31	3.9	10.4	17.6	Relatively Low 1, Very Low 30	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	31 of 31	59.7	71.2	77.5	Relatively Low 31	
Ice Storm	31 of 31	20.7	39.9	55.0	Relatively Low 19, Very 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.

Hazard	Tracts rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Inland Flooding	31 of 31	17.0	70.6	95.6	Relatively High 12, Relatively Moderate 10, Relatively Low 9	
Landslide	31 of 31	32.4	83.2	95.8	Relatively Moderate 1, Relatively Low 17, Very Low 13	
Lightning	31 of 31	37.9	68.9	82.2	Relatively High 6, Relatively Moderate 20, 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	31 of 31	40.9	64.8	76.7	Relatively Moderate 23, Relatively Low 8	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	31 of 31	40.3	57.0	65.8	Relatively Moderate 20, Relatively Low 11	
Tsunami	0 of 31				Not Applicable 31	
Volcanic Activity	0 of 31				Not Applicable 31	
Wildfire	31 of 31	26.0	47.5	76.0	Relatively Low 2, Very Low 29	
Winter Weather	31 of 31	39.4	58.1	69.5	Relatively Moderate 23, Relatively Low 8	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 FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition	Public Assistance matched federal share obligated, nominal dollars	Event records naming this place all years; since the member's plan	Notes
Sullivan County	County	Expired on 2026-04-27		\$7,774,787.71	0; 0	No NFIP community ID on this member's plan row. Includes \$642,329.84 for declarations not counted as hazard incidents (DR-4480-NY).
Bloomingsburg village	Village	Expired on 2026-04-27	FMA RL 0, SRL 0; any 0	none found	11; 4	
Jeffersonville village	Village	Expired on 2026-04-27	FMA RL 0, SRL 2; any 12	\$169,630.76	21; 9	
Liberty village	Village	Expired on 2026-04-27	FMA RL 0, SRL 0; any 0	\$251,646.97	16; 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
Monticello village	Village	Expired on 2026-04-27	FMA RL 0, SRL 0; any 0	\$154,105.64	41; 2	
Woodridge village	Village	Expired on 2026-04-27	FMA RL 0, SRL 0; any 0	\$23,699.18	9; 3	
Wurtsboro village	Village	Expired on 2026-04-27	FMA RL 0, SRL 0; any 1	\$27,597.17	16; 2	
Bethel town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 1	\$1,003,363.76	13; 4	
Callicoon town	Town	Expired on 2026-04-27	FMA RL 0, SRL 1; any 6	\$1,835,896.21	16; 5	
Cochecton town	Town	No approved plan on record	FMA RL 0, SRL 0; any 4	\$1,432,520.59	7; no approved plan	
Delaware town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 9	\$341,557.38	0; 0	
Fallsburg town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 2	\$1,116,134.07	1; 0	Includes \$13,237.12 for declarations not counted as hazard incidents (DR-4480-NY).
Forestburgh town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 1	\$398,749.68	0; 0	
Fremont town	Town	Expired on 2026-04-27	FMA RL 1, SRL 1; any 4	\$615,743.84	6; 0	
Highland town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 2	\$368,489.40	0; 0	
Liberty town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 2	\$1,335,880.36	16; 1	Includes \$20,643.37 for declarations not counted as hazard incidents (DR-4480-NY).
Lumberland town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 2	\$1,007,291.53	0; 0	
Mamakating town	Town	Expired on 2026-04-27	FMA RL 0, SRL 1; any 4	\$4,160,191.99	0; 0	
Neversink town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 5	\$1,508,233.62	5; 2	
Rockland town	Town	Expired on 2026-04-27	FMA RL 9, SRL 18; any 85	\$4,520,996.51	6; 2	
Thompson town	Town	Expired on 2026-04-27	FMA RL 0, SRL 0; any 7	\$1,398,989.60	0; 0	
Tusten town	Town	Expired on 2026-04-27	FMA RL 0, SRL 1; any 8	\$1,980,752.96	3; 0	

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.

SOURCESFEMA, 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
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
- A problem statement per participant per hazard
- 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 2021-04-28 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$181,174		under 1	under \$1		\$160	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$27,858,325,762	\$36,537,311	78,496	\$1,217	\$13,984	\$3,093,214	under 0.0001%		\$0		
Drought		\$340,224			\$9,478		2.79% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$46,548,581,989		78,624	\$595,541		\$79,260	0.00128%				
Hail	\$27,858,325,762	\$36,537,311	78,496	\$14,408	\$74,160	\$48,938	under 0.0001%	\$0			
Heat Wave	\$27,858,325,762	\$36,537,311	78,496	under \$1	\$1,982	\$220,471	under 0.0001%				
Hurricane	\$27,857,842,517	\$36,531,320	78,494	\$1,499,043	\$49,663	\$39,637	0.00538%			\$3,451,250.74	
Ice Storm	\$27,802,648,336		78,341	\$81,847		\$10,014	0.000294%				
Inland Flooding	\$27,774,605,164	\$4,523,075	2,748	\$25,924,292	\$43,689	\$775,446	n/a (see note)	\$85,000			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	\$1,465,084,018		4,271	\$3,990		\$6,508	0.000272%				
Lightning	\$27,858,325,762		78,496	\$25,965		\$538,214	under 0.0001%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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 2021-04-28 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Strong Wind	\$27,858,325,762	\$36,537,311	78,496	\$504,896	\$440	\$276,030	0.00181%	\$310,750	\$0		
Tornado	\$27,858,325,762	\$36,537,311	78,496	\$847,158	\$447	\$1,614,104	0.00304%	\$211,500			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$843,199,981	\$3,040,145	6,164	\$10,158	\$4	\$2,613	0.0012%				
Winter Weather	\$27,858,325,762	\$36,537,311	78,496	\$42,192	\$20	\$55,354	0.000151%		\$0		

Totals since 2021-04-28 (Storm Events through 2026-06-30): 120 county-coded records, 120 with a damage value recorded (including \$0), \$607,250; 15 zone-level records, 14 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations \$3,451,250.74 (3 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	78,496
Building value (total, not at risk)	\$27,858,325,762
Agriculture value (total, not at risk)	\$36,537,311
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$29,744,577
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)	\$6,759,963
Social vulnerability rating	Relatively Moderate

Measure	Value
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)	10	Severe repetitive loss, FMA definition (44 CFR 77.2)	24
Repetitive loss, NFIP insurance definition	150	Severe repetitive loss, NFIP insurance definition	19

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	10	24	150	19	155	6	28
BETHEL, TOWN OF	0	0	1	0	1	0	0
CALLICOON, TOWN OF	0	1	6	1	6	0	0
COCHECTON, TOWN OF	0	0	4	0	4	0	1
DELAWARE, TOWN OF	0	0	9	0	9	0	3
FALLSBURG, TOWN OF	0	0	2	0	2	0	0
FORESTBURGH, TOWN OF	0	0	1	0	1	0	0
FREMONT, TOWN OF	1	1	3	0	4	1	2
HIGHLAND, TOWN OF	0	0	2	0	2	0	0
LIBERTY, TOWN OF	0	0	2	0	2	0	0
LUMBERLAND, TOWN OF	0	0	2	0	2	0	0
MAMAKATING, TOWN OF	0	1	4	1	4	0	1
NEVERSINK, TOWN OF	0	0	5	0	5	0	2
ROCKLAND, TOWN OF	9	18	81	14	85	4	13
THOMPSON, TOWN OF	0	0	7	0	7	0	0
TUSTEN, TOWN OF	0	1	8	1	8	0	2

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>
JEFFERSONVILLE, VILLAGE OF	0	2	12	2	12	1	4
WURTSBORO, VILLAGE OF	0	0	1	0	1	0	0
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
Bloomingsburg village	361473	0	0	0	0	0	0	0	
Jeffersonville village	361474	0	2	12	2	12	1	4	
Liberty village	360824	0	0	0	0	0	0	0	
Monticello village	361613	0	0	0	0	0	0	0	
Woodridge village	361475	0	0	0	0	0	0	0	
Wurtsboro village	361476	0	0	1	0	1	0	0	
Bethel town	360815	0	0	1	0	1	0	0	
Callicoon town	360816	0	1	6	1	6	0	0	
Cochecton town	360817	0	0	4	0	4	0	1	
Delaware town	360818	0	0	9	0	9	0	3	
Fallsburg town	360819	0	0	2	0	2	0	0	
Forestburgh town	360820	0	0	1	0	1	0	0	
Fremont town	360821	1	1	3	0	4	1	2	
Highland town	360822	0	0	2	0	2	0	0	
Liberty town	360823	0	0	2	0	2	0	0	
Lumberland town	360825	0	0	2	0	2	0	0	
Mamakating town	360826	0	1	4	1	4	0	1	
Neversink town	360828	0	0	5	0	5	0	2	
Rockland town	360829	9	18	81	14	85	4	13	
Thompson town	360830	0	0	7	0	7	0	0	
Tusten town	360831	0	1	8	1	8	0	2	

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.

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)

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	7	17	118	13	122	5	23
2 to 4 unit residential	2	3	8	3	8	0	1
other residential	0	1	5	1	5	0	1
non-residential	1	3	19	2	20	1	3
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 4 properties are FMA repetitive loss but not NFIP repetitive loss, and 144 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

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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Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_NY_36105. Preview: automated baseline.