

Madison County, NY

Risk-assessment baseline packet

Unit **County area 36053** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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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.

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Plan clock

Status	Approved, expires 2028-03-21	Plan	Madison County 2023 (FEMA plan 108706)
Approved	2023-03-22	Expires	2028-03-21
As of	2026-09-28	Days	540 days to expiry

What changed since your last plan (approved 2023-03-22)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	74 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 3 (44 CFR 77.2); any definition: 15	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: 27 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
Madison County	County	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Canastota village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Cazenovia village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Chittenango village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
DeRuyter village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
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
Hamilton village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Madison village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Morrisville village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Munnsville village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Oneida city	City	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Wampsville village	Village	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Brookfield town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Cazenovia town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
DeRuyter town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Eaton town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Fenner town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Georgetown town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Hamilton town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Lebanon town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Lenox town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Lincoln town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Madison town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Nelson town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Smithfield town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Stockbridge town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20
Sullivan town	Town	Approved, expires 2028-03-21	Madison County 2023 (FEMA plan 108706)	2023-03-22	2028-03-21	540		member approved 2023-03-20

SOURCE

FEMA, 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	\$18,980,188	\$788	\$33,781	\$19,014,757	53		
2	Tornado	Relatively Low	Relatively Low	\$277,919	\$936	\$741,207	\$1,020,062	6		
3	Lightning	Relatively Moderate	Relatively Moderate	\$4,445		\$587,143	\$591,588	4		
4	Cold Wave	Relatively Low	Relatively Low	\$2,152	\$213	\$581,814	\$584,178	18		
5	Strong Wind	Relatively Low	Relatively Low	\$262,675	\$1,788	\$241,533	\$505,996	198		Includes 15 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
6	Earthquake	Very Low	Very Low	\$222,695		\$42,404	\$265,100			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
7	Ice Storm	Relatively Moderate	Relatively Moderate	\$226,492		\$27,661	\$254,154	10		
8	Hurricane	Relatively Low	Relatively Low	\$160,440	\$48,036	\$7,796	\$216,272	0		Declared 2 times; no Storm Events record of this type.
9	Heat Wave	Very Low	Relatively Low	under \$1	\$9,722	\$194,803	\$204,526	4		
10	Winter Weather	Relatively Moderate	Relatively Moderate	\$26,022	\$121	\$143,636	\$169,779	158		
11	Hail	Very Low	Very Low	\$14,527	\$78,390	\$26,292	\$119,210	94		
12	Wildfire	Very Low	Very Low	\$7,443	\$11	\$844	\$8,298	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	\$576		\$3,056	\$3,632	0		Declared 1 time; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Avalanche	Very Low	Very Low	\$0		\$11	\$11	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses		\$0		\$0	2		

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.	1 of 19
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 19
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	19 of 19
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 19
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.	19 of 19
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	19 of 19
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	19 of 19
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.	19 of 19
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	19 of 19
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.	19 of 19
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.	19 of 19

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.	19 of 19
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	19 of 19
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.	19 of 19
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 19
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 19
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.	19 of 19
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	19 of 19

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 2026 (18 zone-level)	1 day to 4 days (median 1 day); 15 with a recorded value	4 consecutive days, 2005-01-21 to 2005-01-24, zone-level	Cold/Wind Chill, 2004-01-15, \$20,000 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	2, 1999 to 2001 (2 zone-level)	1 day to 30 days (median 15.5 days); 2 with a recorded value	30 days (1 month), 1999-09-01 to 1999-09-30, 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)	102, 1971 to 2025	0.75 in to 2.5 in (median 1 in); 102 with a recorded value	2.5 in hail, 2007-08-03		Event records naming member places: Oneida city (16 records), Canastota village (14 records), Sullivan town (6 records), Chittenango village (4 records), Georgetown town (4 records), Hamilton town (4 records), Hamilton village (4 records), Madison town (3 records), Madison village (3 records), Stockbridge town (3 records); and 7 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 2021 (10 zone-level)		Ice Storm, 2003-04-04, \$3,000,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone NYZ036 (MADISON), 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)	53, 1996 to 2025		Flash Flood, 2006-06-27, \$25,000,000 property; crops not reported (2006 dollars)		Event records naming member places: Oneida city (6 records), Hamilton town (5 records), Hamilton village (5 records), Eaton town (4 records), Stockbridge town (3 records), Cazenovia town (2 records), Cazenovia village (2 records), Chittenango village (2 records), Georgetown town (2 records), Morrisville village (2 records); and 7 more member places (see the XLSX file).	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)	4, 2000 to 2023		Lightning, 2023-07-24, \$0 property; \$0 crops (2023 dollars), 1 direct death, 2 direct injuries	Lightning, 2002-06-27, \$20,000 property; crops not reported (2002 dollars)	Event records naming member places: Chittenango village (1 record), Sullivan town (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)	17, 1996 to 2021 (17 zone-level)	45 kt (52 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 13 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2003-10-15; NWS zone NYZ036 (MADISON), zone-level: may include parts of neighboring counties	High Wind, 2011-02-18, \$50,000 property; \$0 crops, reported for the zone (2011 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	240, 1966 to 2026	50 kt (58 mph) to 78 kt (90 mph) (median 50 kt (58 mph)); 175 with a recorded value	78 kt (90 mph) estimated gust, Thunderstorm Wind, 2014-07-03	Thunderstorm Wind, 1998-09-07, \$5,000,000 property; crops not reported (1998 dollars)	Event records naming member places: Canastota village (23 records), Oneida city (15 records), Hamilton town (11 records), Hamilton village (11 records), Sullivan town (11 records), Cazenovia town (10 records), Cazenovia village (10 records), Brookfield town (7 records), Morrisville village (7 records), Lebanon town (6 records); and 10 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	8, 1977 to 2024	F/EF0 to F/EF2 (median F/EF1); 8 with a recorded value	EF2 tornado, 2014-07-08, 2.5 mi within this county, 235 yd wide, \$600,000 property; \$0 crops (2014 dollars), 4 direct deaths		Event records naming member places: Canastota village (1 record), Georgetown town (1 record), Munnsville village (1 record), Wampsville village (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.

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)	158, 1996 to 2026 (158 zone-level)		Heavy Snow, 2003-01-03, \$300,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone NYZ036 (MADISON), 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 24 Counted incidents 16

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
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$9,764,625.31		
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	\$1,063,967.57		
2017-07-12	2017-03-14	DR-4322-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$396,479.89		
2013-07-12	2013-06-26	DR-4129-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$3,717,632.71		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	HURRICANE SANDY	Hurricane	none found		
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	\$761,673.78		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2006-07-01	2006-06-26	DR-1650-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$755,396.28		
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	\$544,554.44		
2004-10-01	2004-08-13	DR-1564-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
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	\$180,115.19		
2003-08-23	2003-08-14	EM-3186-NY	Emergency	POWER OUTAGE	Non-natural, not counted	none found		
2003-05-12	2003-04-03	DR-1467-NY	Major disaster	ICE STORM	Ice Storm	\$367,702.08		
2003-02-25	2002-12-25	EM-3173-NY	Emergency	SNOWSTORMS	Winter Weather	\$135,265.41		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	FIRES AND EXPLOSIONS	Non-natural, not counted	\$4,000		
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	\$612,017.29		
1998-09-11	1998-09-07	DR-1244-NY	Major disaster	NY - SEVERE WX, SEPT 7, 1998	Hazard not mapped (severe storm title names no single hazard); not counted	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		
1975-10-02	1975-10-02	DR-487-NY	Major disaster	STORMS, RAINS, LANDSLIDES & FLOODING	Inland Flooding (primary); also designated: Landslide	none found		
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		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
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: 1 row, \$764.50

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
EM-3184-NY	2003-03-27	SNOW	Earlville, Village of	\$764.50

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	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	18	1	0	4	0	0	1996 to 2026-06-30	
Drought	2	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	102	3	0	3	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	2	0	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
Ice Storm	10	0	0	0	1	0	1996 to 2026-06-30	

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
Inland Flooding	53	6	0	6	11	0	1996 to 2026-06-30	
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	4	1	0	1	0	0	1996 to 2026-06-30	
Strong Wind	257	44	8	53	2	0	1955 to 2026-06-30	Includes 15 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	8	2	0	2	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	158	17	4	26	3	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
2024-07-16	Tornado	EF1, 1.42 mi within this county, 100 yd wide	\$250,000 property; \$0 crops (2024 dollars)	1, 0	CANASTOTA to WAMPSVILLE	new since last plan; within last 5 years	deaths or injuries recorded
2023-07-24	Lightning		\$0 property; \$0 crops (2023 dollars)	1, 2	CLOCKVILLE	new since last plan; within last 5 years	deaths or injuries recorded
2014-07-08	Tornado	EF2, 2.5 mi within this county, 235 yd wide	\$600,000 property; \$0 crops (2014 dollars)	4, 0	PETERBORO		deaths or injuries recorded
2014-07-03	Thunderstorm Wind	78 kt (90 mph) estimated gust	\$100,000 property; \$0 crops (2014 dollars)	0, 0	MIDDLEPORT		B1-c worst recorded: Thunderstorm Wind
2007-08-03	Hail	2.5 in	\$20,000 property; \$0 crops (2007 dollars)	0, 0	CANASTOTA		B1-c worst recorded: Hail
2006-06-27	Flash Flood		\$25,000,000 property; crops not reported (2006 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood

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 NYZ036 (MADISON), 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 NYZ036 (MADISON), 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		\$3,000,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ036 (MADISON), 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 NYZ036 (MADISON), 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 NYZ036 (MADISON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
1999-09-01	Drought		damage not reported	0, 0	NWS zone NYZ036 (MADISON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought

The full list is in the XLSX file, sheet "B1-d Storm Events history" (616 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	4.48	event-days per year	about 4.48 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	85.1	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 4.48 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	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	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 2 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	0.00105	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.105%			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	2.43	events per year	about 2.43 per year	Highly likely	FEMA annualized frequency (modeled)	92.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.9	event-days per year	about 2.9 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	47	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.9 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	0.0164	events per year	about 1 in 61 years	Possible	FEMA annualized frequency (modeled)	4	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	0.955	event-days per year	about 0.955 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	65	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.964	event-days per year	about 0.964 days per year	Likely	event-days in 16 of 30 years, 1996 to 2025 (53.3%)	27	1996 to 2023 (28 years)	see B1-f	
Landslide	0.499	events per year (modeled)	about 1 in 2 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	29	days per year with a strike	about 29 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.36	events per year	about 1.36 per year	Highly likely	FEMA annualized frequency (modeled)	52	1986 to 2023 (38 years)	countywide	
Tornado	0.144	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				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	0.0000187	annual probability at a location	chance a given location in the county burns in a year: 0.00187%		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	27.6	event-days per year	about 27.6 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	525	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	46	30	1.53
Hail	2.00 in+	1996 to 2025	2	30	0.0667
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	162	30	5.4
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	5	30	0.167
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	9	30	0.3

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	4	30	0.133
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	1 of 19	4.5	4.5	4.5	Very Low 1, Not Applicable 18	
Coastal Flooding	0 of 19				Not Applicable 19	
Cold Wave	19 of 19	25.8	37.8	49.5	Relatively Moderate 2, Relatively Low 17	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 19				No Rating 19	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	19 of 19	13.9	29.6	58.5	Relatively Low 5, Very Low 14	
Hail	19 of 19	24.4	39.7	63.2	Relatively Low 14, Very 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. Agriculture is 66% 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	19 of 19	5.6	13.5	23.9	Relatively Low 9, Very 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.
Hurricane	19 of 19	46.4	52.3	56.6	Relatively Low 11, Very Low 8	
Ice Storm	19 of 19	41.2	76.1	85.5	Relatively Moderate 14, 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.
Inland Flooding	19 of 19	20.1	76.3	96.1	Very High 1, Relatively High 7, Relatively Moderate 7, Relatively Low 4	
Landslide	19 of 19	19.0	70.6	92.6	Relatively Low 8, Very Low 11	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Lightning	19 of 19	51.9	79.5	91.9	Relatively High 10, Relatively Moderate 9	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	19 of 19	37.8	65.0	73.3	Relatively Moderate 13, Relatively 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. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	19 of 19	34.4	45.9	55.0	Relatively Moderate 2, Relatively Low 17	
Tsunami	0 of 19				Not Applicable 19	
Volcanic Activity	0 of 19				Not Applicable 19	
Wildfire	19 of 19	44.1	55.2	66.0	Very Low 19	
Winter Weather	19 of 19	57.9	80.2	88.0	Relatively High 10, Relatively Moderate 9	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
Madison County	County	Approved, expires 2028-03-21		\$768,513.85	0; 0	No NFIP community ID on this member's plan row. Includes \$4,000 for declarations not counted as hazard incidents (DR-1391-NY).
Canastota village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$30,549.58	39; 4	
Cazenovia village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 1; any 3	\$6,762.50	13; 0	
Chittenango village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 1	\$6,344.53	12; 0	
DeRuyter village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	none found	0; 0	
Earlville village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$5,910.82	0; 0	
Hamilton village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$23,667.17	20; 8	
Madison village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	none found	6; 0	

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>	
Morrisville village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$2,774.32	11; 2	
Munnsville village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	none found	2; 1	
Oneida city	City	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 3	\$2,496,933.13	37; 2	Includes \$5,059.58 for declarations not counted as hazard incidents (DR-4480-NY).
Wampsville village	Village	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	none found	5; 1	
Brookfield town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$493,668.37	9; 2	
Cazenovia town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$183,115.55	13; 0	
DeRuyter town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$236,819.09	0; 0	
Eaton town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$302,557.33	10; 1	
Fenner town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$173,527.04	0; 0	
Georgetown town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$106,008.02	9; 2	
Hamilton town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$492,101.41	20; 8	
Lebanon town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$853,583.85	8; 0	
Lenox town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 1	\$31,819	3; 1	
Lincoln town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$43,553.67	2; 0	
Madison town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 1	\$1,209,619.48	6; 0	
Nelson town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$151,010.69	6; 0	
Smithfield town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$61,332.66	0; 0	
Stockbridge town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 0; any 0	\$47,899.02	11; 1	
Sullivan town	Town	Approved, expires 2028-03-21	FMA RL 0, SRL 2; any 6	\$87,369.74	19; 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 2023-03-22 <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	\$0		under 1	\$0		\$11					building exposure is 0 in NRI
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$15,574,102,706	\$146,308,947	68,007	\$2,152	\$213	\$581,814	under 0.0001%		\$0		
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$27,306,128,929		68,016	\$222,695		\$42,404	0.000816%				
Hail	\$15,574,102,706	\$146,308,947	68,007	\$14,527	\$78,390	\$26,292	under 0.0001%	\$0			
Heat Wave	\$15,574,102,706	\$146,308,947	68,007	under \$1	\$9,722	\$194,803	under 0.0001%				
Hurricane	\$15,573,526,074	\$144,605,003	68,000	\$160,440	\$48,036	\$7,796	0.00103%				
Ice Storm	\$15,571,483,679		67,991	\$226,492		\$27,661	0.00145%				
Inland Flooding	\$15,533,330,319	\$4,361,771	3,313	\$18,980,188	\$788	\$33,781	n/a (see note)	\$115,000			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	\$380,958,375		1,807	\$576		\$3,056	0.000151%				
Lightning	\$15,574,102,706		68,007	\$4,445		\$587,143	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 2023-03-22 <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	\$15,574,102,706	\$146,308,947	68,007	\$262,675	\$1,788	\$241,533	0.00169%	\$132,000			
Tornado	\$15,574,102,706	\$146,308,947	68,007	\$277,919	\$936	\$741,207	0.00178%	\$260,000			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$6,162,283,986	\$76,693,887	29,014	\$7,443	\$11	\$844	0.000121%				
Winter Weather	\$15,574,102,706	\$146,308,947	68,007	\$26,022	\$121	\$143,636	0.000167%		\$0		

Totals since 2023-03-22 (Storm Events through 2026-06-30): 56 county-coded records, 56 with a damage value recorded (including \$0), \$507,000; 18 zone-level records, 18 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 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	68,007
Building value (total, not at risk)	\$15,574,102,706
Agriculture value (total, not at risk)	\$146,308,947
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$20,325,581
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)	\$2,631,982
Social vulnerability rating	Relatively Low

Measure	Value
Community resilience rating	Very High
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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	3
Repetitive loss, NFIP insurance definition	14	Severe repetitive loss, NFIP insurance definition	3

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	0	3	14	3	15	0	3
CAZENOVIA, VILLAGE OF	0	1	2	1	3	0	0
CHITTENANGO, VILLAGE OF	0	0	1	0	1	0	1
LENOX, TOWN OF	0	0	1	0	1	0	0
ONEIDA, CITY OF	0	0	3	0	3	0	0
SULLIVAN, TOWN OF	0	2	6	2	6	0	2
MADISON, TOWN OF	0	0	1	0	1	0	0
State level, not in this county: county not reported	0	0	19	0	19	0	3

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 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
Canastota village	360393	0	0	0	0	0	0	0	
Cazenovia village	360394	0	1	2	1	3	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
Chittenango village	360395	0	0	1	0	1	0	1	
DeRuyter village	360396	0	0	0	0	0	0	0	
Earlville village	360397	0	0	0	0	0	0	0	
Hamilton village	360402	0	0	0	0	0	0	0	
Madison village	365375	0	0	0	0	0	0	0	
Morrisville village	360406	0	0	0	0	0	0	0	
Munnsville village	360407	0	0	0	0	0	0	0	
Oneida city	360408	0	0	3	0	3	0	0	
Wampsville village	361485	0	0	0	0	0	0	0	
Brookfield town	360392	0	0	0	0	0	0	0	
Cazenovia town	361290	0	0	0	0	0	0	0	
DeRuyter town	361291	0	0	0	0	0	0	0	
Eaton town	360398	0	0	0	0	0	0	0	
Fenner town	360399	0	0	0	0	0	0	0	
Georgetown town	360400	0	0	0	0	0	0	0	
Hamilton town	360401	0	0	0	0	0	0	0	
Lebanon town	360403	0	0	0	0	0	0	0	
Lenox town	360404	0	0	1	0	1	0	0	
Lincoln town	360405	0	0	0	0	0	0	0	
Madison town	361292	0	0	1	0	1	0	0	
Nelson town	361293	0	0	0	0	0	0	0	
Smithfield town	361294	0	0	0	0	0	0	0	
Stockbridge town	361412	0	0	0	0	0	0	0	
Sullivan town	360409	0	2	6	2	6	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.

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	0	3	11	3	12	0	3
2 to 4 unit residential	0	0	2	0	2	0	0

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>
other residential	0	0	0	0	0	0	0
non-residential	0	0	1	0	1	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 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 14 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_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

OpenFEMA disclaimer

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Cite this: Hazard Plain (2026). Madison County, NY: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 36053). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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_36053. Preview: automated baseline.