

Columbia County, NY

Risk-assessment baseline packet

Unit **County area 36021** 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 2030-09-08	Plan	Columbia County 2025 (FEMA plan 109983)
Approved	2025-09-09	Expires	2030-09-08
As of	2026-09-28	Days	1,441 days to expiry

What changed since your last plan (approved 2025-09-09)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	29 (data through 2026-06-30)
Repetitive loss now	FMA RL 1, SRL 3 (44 CFR 77.2); any definition: 28	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: 24 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Columbia County	County	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-10
Chatham village	Village	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-11-14
Hudson city	City	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-16
Kinderhook village	Village	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-11-25
Philmont village	Village	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		
Valatie village	Village	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-12-04
Ancram town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-22
Austerlitz town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-16
Canaan town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-25
Chatham town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-20
Claverack town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-12-01
Clermont town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2026-02-04
Copake town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-15
Gallatin town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-11-24
Germantown town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-11-24

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Ghent town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-25
Greenport town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-20
Hillsdale town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-18
Kinderhook town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-12-08
Livingston town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-18
New Lebanon town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-11
Stockport town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-12-09
Stuyvesant town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-09-16
Taghkanic town	Town	Approved, expires 2030-09-08	Columbia County 2025 (FEMA plan 109983)	2025-09-09	2030-09-08	1,441		member approved 2025-10-21

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	\$17,244,018	\$31,267	\$38,986	\$17,314,271	105		
2	Tornado	Relatively Moderate	Relatively Moderate	\$727,242	\$1,957	\$1,416,637	\$2,145,836	10		
3	Hurricane	Relatively Low	Relatively Moderate	\$1,681,530	\$262,421	\$45,653	\$1,989,604	1		

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	Cold Wave	Relatively Low	Relatively Low	\$299	\$22,403	\$674,601	\$697,302	87		Includes 36 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
5	Earthquake	Relatively Low	Relatively Low	\$504,137		\$82,225	\$586,361			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
6	Lightning	Relatively Moderate	Relatively Moderate	\$22,453		\$538,214	\$560,667	23		
7	Hail	Relatively Low	Relatively Low	\$11,789	\$286,656	\$142,191	\$440,635	95		
8	Strong Wind	Relatively Low	Relatively Low	\$100,824	\$9,117	\$282,008	\$391,949	619		Includes 41 High Wind records and 64 Strong Wind records, event types the NRI definition of this hazard leaves out.
9	Heat Wave	Relatively Low	Relatively Low	under \$1	\$18,489	\$230,562	\$249,051	71		
10	Ice Storm	Relatively Moderate	Relatively Moderate	\$179,545		\$7,330	\$186,874	5		
11	Winter Weather	Relatively Low	Relatively Low	\$22,687	\$12	\$19,479	\$42,178	195		
12	Landslide	Relatively Low	Relatively Low	\$15,966		\$5,567	\$21,534	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	Wildfire	Very Low	Very Low	\$18,165	\$23	\$2,937	\$21,125	1		
14	Drought	Very Low	Very Low		\$1,508		\$1,508	6		
15	Avalanche	Very Low	Very Low	\$0		\$200	\$200	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
16	Coastal Flooding	No Rating	No Expected Annual Losses	\$0		\$0	\$0	1		
	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.	5 of 21
Coastal 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.	0 of 21
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1 of 21
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.	21 of 21
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21
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.	21 of 21
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21
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.	21 of 21
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.	21 of 21
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21
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.	21 of 21
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 21
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 21
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.	21 of 21
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 21

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)	1, 2012 to 2012 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	51, 1996 to 2026 (51 zone-level)	1 day to 5 days (median 2 days); 36 with a recorded value	5 consecutive days, 2026-01-28 to 2026-02-01, zone-level		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	36, 2002 to 2023 (36 zone-level)		Frost/Freeze, 2008-05-01, \$126,500 crop damage, reported for the zone (2008 dollars); NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	6, 1999 to 2024 (6 zone-level)	30 days to 43 days (median 33 days); 4 with a recorded value	43 days (about 1.4 months), 2022-08-16 to 2022-09-27, a run of 2 consecutive Storm Events drought records, 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.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	102, 1959 to 2025	0.75 in to 2.75 in (median 1 in); 102 with a recorded value	2.75 in hail, 2018-05-15	Hail, 2008-06-16, \$0 property; \$5,300,000 crops (2008 dollars)	Event records naming member places: Stockport town (6 records), Canaan town (5 records), Copake town (5 records), Kinderhook town (5 records), Kinderhook village (5 records), Germantown town (4 records), Livingston town (4 records), Valatie village (4 records), Ancram town (3 records), Austerlitz town (3 records); and 10 more member places (see the XLSX file).	

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)	71, 1998 to 2026 (71 zone-level)	1 day to 6 days (median 2 days); 47 with a recorded value	6 consecutive days, 2022-08-04 to 2022-08-09, 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	1, 2011 to 2011 (1 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2011-08-28, \$0 property; \$0 crops, reported for the zone (2011 dollars); NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	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)	5, 2007 to 2022 (5 zone-level)		No damage reported in 5 records.		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)	105, 1996 to 2025 (12 zone-level)		Flash Flood, 2009-07-29, \$4,500,000 property; \$0 crops (2009 dollars)		Event records naming member places: Hudson city (12 records), Chatham town (8 records), Chatham village (8 records), Stuyvesant town (6 records), Austerlitz town (4 records), Claverack town (3 records), Hillsdale town (3 records), Kinderhook town (3 records), Kinderhook village (3 records), Canaan town (2 records); and 6 more member places (see the XLSX file). Zone-level records (12) 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)	23, 1996 to 2022		Lightning, 2013-07-07, \$0 property; \$0 crops (2013 dollars), 1 direct death	Lightning, 2000-08-03, \$40,000 property; crops not reported (2000 dollars)	Event records naming member places: Hudson city (3 records), Claverack town (2 records), Copake town (2 records), Chatham town (1 record), Chatham village (1 record), Germantown town (1 record), Ghent town (1 record), Livingston 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)	105, 1996 to 2026 (104 zone-level)	28 kt (32 mph) to 60 kt (69 mph) (median 44 kt (51 mph)); 92 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2006-02-17; same speed and measurement basis also recorded on 2003-11-14, 2005-09-29, 2005-10-16, 2006-01-18, 2006-01-21, 2006-02-17; NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties	High Wind, 2002-03-09, \$25,000 property; crops not reported, reported for the zone (2002 dollars)	No event record names a member place. Zone-level records (104) apply countywide.	
Thunderstorm Wind	wind speed (kt and mph)	595, 1959 to 2026	40 kt (46 mph) to 90 kt (104 mph) (median 50 kt (58 mph)); 479 with a recorded value	90 kt (104 mph), measurement type not recorded, Thunderstorm Wind, 1999-06-07	Thunderstorm Wind, 1995-04-04, \$300,000 property; crops not recorded (1995 dollars)	Event records naming member places: Kinderhook town (28 records), Kinderhook village (28 records), Ghent town (21 records), Livingston town (21 records), Chatham town (20 records), Chatham village (20 records), Hudson city (20 records), Stuyvesant town (20 records), Valatie village (20 records), Claverack town (17 records); and 13 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	14, 1973 to 2010	F/EF0 to F/EF4 (median F/EF1); 14 with a recorded value	F4 tornado, 1973-08-28, 3.4 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 313 yd wide, \$25,000 property; crops not recorded (1973 dollars)	Tornado, 1995-05-29, \$10,000,000 property; crops not recorded (1995 dollars)	Event records naming member places: Canaan town (2 records), Kinderhook town (2 records), Kinderhook village (2 records), Stuyvesant town (2 records).	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)	1, 2002 to 2002 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: 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
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	195, 1996 to 2026 (195 zone-level)		Winter Storm, 1997-03-31, \$500,000 property; crops not reported, reported for the zone (1997 dollars); NWS zone NYZ060 (WESTERN COLUMBIA), 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 27 Counted incidents 18

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
2021-08-22	2021-08-21	EM-3565-NY	Emergency	HURRICANE HENRI	Hurricane	none found		
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$8,846,112.94		
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	\$567,738.04		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	HURRICANE SANDY	Hurricane	none found		
2011-08-31	2011-08-26	DR-4020-NY	Major disaster	HURRICANE IRENE	Hurricane	\$1,821,895.59		
2011-08-26	2011-08-25	EM-3328-NY	Emergency	HURRICANE IRENE	Hurricane	none found		same incident as DR-4020
2011-02-18	2010-12-26	DR-1957-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$444,893.17		
2009-03-04	2008-12-11	DR-1827-NY	Major disaster	SEVERE WINTER STORM	Winter Weather	\$3,230,863.90		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2008-12-18	2008-12-11	EM-3299-NY	Emergency	SEVERE WINTER STORM	Winter Weather	\$1,015,644.74			same incident as DR-1827
2007-04-24	2007-04-14	DR-1692-NY	Major disaster	SEVERE STORMS AND INLAND AND COASTAL FLOODING	Coastal Flooding	\$1,074,896.28			
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	\$508,170.88			
2004-10-01	2004-08-13	DR-1564-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$321,481.79			
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	\$202,531.49			
2003-08-23	2003-08-14	EM-3186-NY	Emergency	POWER OUTAGE	Non-natural, not counted	\$1,248.11			
2003-03-27	2003-02-17	EM-3184-NY	Emergency	SNOW	Winter Weather	\$216,902.83			
2003-02-25	2002-12-25	EM-3173-NY	Emergency	SNOWSTORMS	Winter Weather	\$530,894.97			
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	FIRES AND EXPLOSIONS	Non-natural, not counted	\$7,535.30			
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	\$960,050.09			
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			
1987-11-10	1987-10-04	DR-801-NY	Major disaster	SEVERE WINTER STORM	Winter Weather	none found			
1973-07-20	1973-07-20	DR-401-NY	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found			

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

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

SOURCES

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

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

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

Statewide declarations

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

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

1 Fire Management declaration (1995-08-25 to 1995-08-25) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	1	0	0	0	1	0	1996 to 2026-06-30	
Cold Wave	87	8	2	17	0	0	1996 to 2026-06-30	Includes 36 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	6	0	2	4	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	0	1	3	0	0	1955 to 2026-06-30	
Heat Wave	71	1	10	25	0	0	1996 to 2026-06-30	
Hurricane	1	0	0	0	3	0	1996 to 2026-06-30	
Ice Storm	5	0	0	1	0	0	1996 to 2026-06-30	
Inland Flooding	105	0	1	11	6	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	23	0	0	1	0	0	1996 to 2026-06-30	
Strong Wind	700	13	20	175	0	0	1955 to 2026-06-30	Includes 41 High Wind records and 64 Strong Wind records, event types the NRI definition of this hazard leaves out.

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
Tornado	14	0	0	0	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	1	0	0	0	0	0	1996 to 2026-06-30	
Winter Weather	195	7	9	44	8	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
2026-01-28	Cold/Wind Chill		damage not reported	0, 0	NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2018-05-15	Hail	2.75 in	damage not reported	0, 0	CLERMONT		B1-c worst recorded: Hail
2013-07-07	Lightning		\$0 property; \$0 crops (2013 dollars)	1, 0	WEST TAGHKANIC		deaths or injuries recorded
2011-08-28	Tropical Storm		\$0 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2009-07-29	Flash Flood		\$4,500,000 property; \$0 crops (2009 dollars)	0, 0	STUYVESANT to BRICK TAVERN		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2008-05-01	Frost/Freeze		\$0 property; \$126,500 crops, reported for the zone (2008 dollars)	0, 0	NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Frost/Freeze (outside NRI Cold Wave definition)
2006-02-17	High Wind	60 kt (69 mph) estimated gust	damage not reported	0, 0	NWS zone NYZ060 (WESTERN COLUMBIA), 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
2000-05-02	High Wind	speed not recorded	\$1,000 property; crops not reported, reported for the zone (2000 dollars)	0, 2		NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1999-06-07	Thunderstorm Wind	90 kt (104 mph), measurement type not recorded	\$100,000 property; crops not reported (1999 dollars)	0, 0		HILLSDALE		B1-c worst recorded: Thunderstorm Wind
1997-03-31	Winter Storm		\$500,000 property; crops not reported, reported for the zone (1997 dollars)	0, 0		NWS zone NYZ060 (WESTERN COLUMBIA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1995-05-29	Tornado	F2, 15 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 300 yd wide	\$10,000,000 property; crops not recorded (1995 dollars)	0, 5		Hudson to to East Hillsdale		deaths or injuries recorded
1973-08-28	Tornado	F4, 3.4 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 313 yd wide	\$25,000 property; crops not recorded (1973 dollars)	0, 0		location not recorded		B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,311 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.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Coastal Flooding	0	events per year at a location (modeled)	none modeled	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county. NRI models no coastal flooding event-days here (modeled), but Storm Events has a record in 1 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.
Cold Wave	2.42	event-days per year	about 2.42 days per year	Likely	event-days in 17 of 30 years, 1996 to 2025 (56.7%)	45.9	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0.0927	event-days per year	about 0.0927 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	35	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00123	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.123%			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	3.08	events per year	about 3.08 per year	Highly likely	FEMA annualized frequency (modeled)	117.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.97	event-days per year	about 3.97 days per year	Likely	event-days in 18 of 30 years, 1996 to 2025 (60%)	69.4	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0725	events per year	about 1 in 14 years	Possible	FEMA annualized frequency (modeled)	20	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	1.1	event-days per year	about 1.1 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	74	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.1 ice storm event-days a year here (its annualized frequency over 67 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.
Inland Flooding	1.93	event-days per year	about 1.93 days per year	Likely	event-days in 24 of 30 years, 1996 to 2025 (80%)	54	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Landslide	0.745	events per year (modeled)	about 0.75 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	27.7	days per year with a strike	about 27.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.06	events per year	about 2.06 per year	Highly likely	FEMA annualized frequency (modeled)	79	1986 to 2023 (38 years)	countywide	
Tornado	0.187	events per year	about 1 in 5 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	0.000181	annual probability at a location	chance a given location in the county burns in a year: 0.0181%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	16.2	event-days per year	about 16.2 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	307	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)

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	52	30	1.73
Hail	2.00 in+	1996 to 2025	12	30	0.4
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	450	30	15
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	15	30	0.5
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	41	30	1.37
Tornado	EF0-1	1996 to 2025	8	30	0.267
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	5 of 21	22.9	24.2	28.2	Very Low 5, Not Applicable 16	
Coastal Flooding	0 of 21				No Rating 21	
Cold Wave	21 of 21	27.8	38.6	63.1	Relatively Moderate 7, Relatively Low 14	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	1 of 21	81.3	81.3	81.3	Relatively Low 1, No Rating 20	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	21 of 21	20.9	42.6	75.3	Relatively Low 12, Very Low 9	
Hail	21 of 21	50.7	68.3	85.9	Relatively Moderate 9, Relatively Low 12	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is 65% 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	21 of 21	4.4	16.3	42.9	Relatively Low 10, Very Low 11	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	21 of 21	62.2	76.3	85.9	Relatively Moderate 7, Relatively Low 14	
Ice Storm	21 of 21	36.1	65.3	87.9	Relatively Moderate 8, Relatively Low 13	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	21 of 21	22.9	59.3	95.2	Relatively High 7, Relatively Moderate 7, Relatively Low 7	
Landslide	21 of 21	60.1	92.2	96.3	Relatively Moderate 1, Relatively Low 14, Very Low 6	
Lightning	21 of 21	51.7	71.6	94.9	Relatively High 8, Relatively Moderate 13	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	21 of 21	32.0	48.2	77.4	Relatively Moderate 9, Relatively Low 12	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	21 of 21	46.2	57.2	78.8	Relatively High 3, Relatively Moderate 8, Relatively Low 10	
Tsunami	0 of 21				Not Applicable 21	
Volcanic Activity	0 of 21				Not Applicable 21	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Wildfire	21 of 21	41.6	62.3	78.0	Relatively Low 8, Very Low 13	
Winter Weather	21 of 21	31.1	41.9	62.2	Relatively Moderate 8, Relatively Low 13	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
Columbia County	County	Approved, expires 2030-09-08		\$2,865,534.55	0; 0	No NFIP community ID on this member's plan row. Includes \$838,212.04 for declarations not counted as hazard incidents (DR-1391-NY, DR-4480-NY, EM-3186-NY).
Chatham village	Village	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$66,586.86	32; 1	
Hudson city	City	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$311,314.12	38; 1	
Kinderhook village	Village	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 2	\$128,051.04	38; 0	
Philmont village	Village	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$170,017.12	13; 0	
Valatie village	Village	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 1	\$15,427.50	24; 0	
Ancram town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 1	\$187,799.10	20; 0	
Austerlitz town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$351,769.78	21; 0	
Canaan town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$440,157.96	18; 0	
Chatham town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$936,797.25	32; 1	
Claverack town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 1	\$1,033,787.28	25; 0	
Clermont town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 1	\$88,236.97	8; 0	

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
Copake town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 3	\$268,603.60	24; 0	
Gallatin town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$168,919.15	2; 0	
Germantown town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$182,257.97	18; 0	
Ghent town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$616,540.52	27; 0	
Greenport town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$291,275.67	1; 0	
Hillsdale town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 1	\$1,456,337.99	20; 1	
Kinderhook town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 1	\$535,142.97	38; 0	
Livingston town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 3	\$451,151.21	26; 1	
New Lebanon town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 2; any 5	\$124,073.17	8; 0	
Stockport town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 1; any 5	\$219,080.63	12; 0	
Stuyvesant town	Town	Approved, expires 2030-09-08	FMA RL 1, SRL 0; any 4	\$250,841.30	31; 0	
Taghkanic town	Town	Approved, expires 2030-09-08	FMA RL 0, SRL 0; any 0	\$167,902.73	9; 1	

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 2025-09-09 <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		\$200					building exposure is 0 in NRI
Coastal Flooding	\$0		0	\$0		\$0					building exposure is 0 in NRI
Cold Wave	\$19,924,414,434	\$113,859,231	61,549	\$299	\$22,403	\$674,601	under 0.0001%				
Drought		\$198,894			\$1,508		0.758% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$33,978,192,940		61,570	\$504,137		\$82,225	0.00148%				
Hail	\$19,924,414,434	\$113,859,231	61,549	\$11,789	\$286,656	\$142,191	under 0.0001%				
Heat Wave	\$19,924,414,434	\$113,859,231	61,549	under \$1	\$18,489	\$230,562	under 0.0001%				
Hurricane	\$19,918,413,408	\$113,858,312	61,530	\$1,681,530	\$262,421	\$45,653	0.00844%				
Ice Storm	\$19,924,414,434		61,549	\$179,545		\$7,330	0.000901%				
Inland Flooding	\$19,881,904,681	\$5,525,710	1,355	\$17,244,018	\$31,267	\$38,986	n/a (see note)				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	\$1,055,987,556		2,973	\$15,966		\$5,567	0.00151%				
Lightning	\$19,924,414,434		61,549	\$22,453		\$538,214	0.000113%				
Strong Wind	\$19,924,414,434	\$113,859,231	61,549	\$100,824	\$9,117	\$282,008	0.000506%		\$2,000		Storm Events damage since the plan includes 1 zone-level Strong Wind record (\$2,000), an event type the NRI definition of this hazard leaves out.
Tornado	\$19,924,414,434	\$113,859,231	61,549	\$727,242	\$1,957	\$1,416,637	0.00365%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$1,811,163,056	\$17,555,440	10,441	\$18,165	\$23	\$2,937	0.001%				
Winter Weather	\$19,924,414,434	\$113,859,231	61,549	\$22,687	\$12	\$19,479	0.000114%				

Totals since 2025-09-09 (Storm Events through 2026-06-30): 8 county-coded records, 0 with a damage value recorded (including \$0), \$0; 21 zone-level records, 1 with a damage value recorded (including \$0), \$2,000 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	61,549
Building value (total, not at risk)	\$19,924,414,434
Agriculture value (total, not at risk)	\$113,859,231
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$21,162,506
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)	\$3,486,591
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively 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)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	3
Repetitive loss, NFIP insurance definition	28	Severe repetitive loss, NFIP insurance definition	4

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

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: 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	1	3	28	4	28	0	6
CLAVERRACK, TOWN OF	0	0	1	0	1	0	0
COPAKE, TOWN OF	0	0	3	0	3	0	1
LIVINGSTON, TOWN OF	0	0	3	0	3	0	0
NEW LEBANON, TOWN OF	0	2	5	3	5	0	0
KINDERHOOK, VILLAGE OF	0	0	2	0	2	0	2
ANCRAM, TOWN OF	0	0	1	0	1	0	0
CLERMONT, TOWNSHIP OF	0	0	1	0	1	0	0
HILLSDALE, TOWN OF	0	0	1	0	1	0	0
KINDERHOOK, TOWN OF	0	0	1	0	1	0	1
STOCKPORT, TOWN OF	0	1	5	1	5	0	1
STUYVESANT, TOWN OF	1	0	4	0	4	0	1
VALATIE, 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
Chatham village	361523	0	0	0	0	0	0	0	
Hudson city	361512	0	0	0	0	0	0	0	
Kinderhook village	361048	0	0	2	0	2	0	2	
Philmont village	361006	0	0	0	0	0	0	0	
Valatie village	361508	0	0	1	0	1	0	0	
Ancram town	361312	0	0	1	0	1	0	0	
Austerlitz town	361385	0	0	0	0	0	0	0	
Canaan town	361313	0	0	0	0	0	0	0	
Chatham town	361314	0	0	0	0	0	0	0	
Claverack town	360173	0	0	1	0	1	0	0	
Clermont town	361315	0	0	1	0	1	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
Copake town	360174	0	0	3	0	3	0	1	
Gallatin town	361316	0	0	0	0	0	0	0	
Germantown town	361317	0	0	0	0	0	0	0	
Ghent town	361318	0	0	0	0	0	0	0	
Greenport town	361319	0	0	0	0	0	0	0	
Hillsdale town	361320	0	0	1	0	1	0	0	
Kinderhook town	361321	0	0	1	0	1	0	1	
Livingston town	360175	0	0	3	0	3	0	0	
New Lebanon town	360176	0	2	5	3	5	0	0	
Stockport town	361322	0	1	5	1	5	0	1	
Stuyvesant town	361323	1	0	4	0	4	0	1	
Taghkanic town	361324	0	0	0	0	0	0	0	

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

Member rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each member row, while the county table counts only its part in this county.

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	1	0	18	0	18	0	3
2 to 4 unit residential	0	0	2	0	2	0	1
other residential	0	1	1	1	1	0	0
non-residential	0	2	7	3	7	0	2
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 27 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_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

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Cite this: Hazard Plain (2026). Columbia County, NY: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 36021). 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_36021. Preview: automated baseline.