

Broome County, NY

Risk-assessment baseline packet

County FIPS: 36007 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

Hazard Plain is an independent product built from public federal data. It is not a FEMA document and is not reviewed or endorsed by FEMA or any state agency.

Summary

Plan status as of 2026-09-30: Approved, expires 2029-12-03. Plan: Broome County 2024 (FEMA plan 109896), approved 2024-12-04.
Since the plan was approved on 2024-12-04: no new federal declaration.
NOAA Storm Events records since that date: 66 records (data through 2026-06-30).
Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$48,798,225 a year), Tornado (\$4,282,725) and Cold Wave (\$2,049,782).
Repetitive-loss flood properties now: FMA RL 127, SRL 78 (44 CFR 77.2); any definition: 436.
The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.
NRI: FEMA's National Risk Index (version 1.20, December 2025).
NFIP: National Flood Insurance Program.
RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).
FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.
PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.
Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.
County-coded: NOAA logged the event to this county.
FIPS: the federal code for a place; 36007 is this area.
D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).
F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.
kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.
CFR: Code of Federal Regulations.
A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).
Dollars: nominal (as reported, labeled with the year), not adjusted for inflation.

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Plan clock

Status:	Approved, expires 2029-12-03	Plan:	Broome County 2024 (FEMA plan 109896)
Approved:	2024-12-04	Days to expiry:	1,160
What changed since your last plan (approved 2024-12-04)			
New federal declarations:	none	Storm Events records since approval:	66 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 127, SRL 78 (44 CFR 77.2); any definition: 436	Repeat-flood change:	this release sets the baseline count.
Sources: 1, 2, 4, 6 (numbered list at the end)			

Plan status for every jurisdiction listed in this county: 24 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Notes
Broome County	County	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-01-07
Binghamton city	City	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-01-14
Deposit village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	Also approved under plan 104831 (Delaware County 2021, expires 2027-01-26). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. this jurisdiction approved 2024-12-12
Endicott village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-03-11
Johnson City village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-19
Lisle village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-05-27
Port Dickinson village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-11
Whitney Point village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-09-10
Windsor village	Village	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-06-06
Barker town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-10
Binghamton town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-03-03
Chenango town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-13
Colesville town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-13
Conklin town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-04-02
Dickinson town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-01-14

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Notes
Fenton town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-05
Kirkwood town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	
Maine town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-26
Nanticoke town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-06-12
Sanford town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-03-10
Triangle town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-13
Union town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-03-10
Vestal town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2025-01-07
Windsor town	Town	Approved, expires 2029-12-03	Broome County 2024 (FEMA plan 109896)	2024-12-04	2029-12-03	1,160	this jurisdiction approved 2024-12-13

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- dam failure (incl. upstream dams)
- levee failure
- flash flood as its own subtype
- ice jams
- debris flows
- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$46,690,864	\$23,279	\$2,084,082	\$48,798,225	229	
2	Tornado	Relatively Moderate	Relatively Moderate	\$841,570	\$399	\$3,440,757	\$4,282,725	9	
3	Cold Wave	Relatively Moderate	Relatively Moderate	\$2,319	\$12,231	\$2,035,232	\$2,049,782	19	
4	Hurricane	Relatively Low	Relatively Low	\$1,190,695	\$23,840	\$65,368	\$1,279,904	0	Declared 6 times; no Storm Events record of this type.
5	Heat Wave	Relatively Low	Relatively Low	\$1	\$2,693	\$825,181	\$827,875	5	
6	Lightning	Relatively High	Relatively Moderate	\$12,512	n/a	\$782,494	\$795,007	19	
7	Earthquake	Relatively Low	Relatively Low	\$528,329	n/a	\$121,396	\$649,724		Storm Events does not record earthquakes.
8	Strong Wind	Relatively Moderate	Relatively Moderate	\$224,670	\$671	\$338,854	\$564,195	503	Includes 14 High Wind and 3 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
9	Winter Weather	Relatively High	Relatively High	\$26,869	\$20	\$350,247	\$377,137	95	
10	Ice Storm	Relatively Moderate	Relatively Moderate	\$211,362	n/a	\$36,729	\$248,091	5	
11	Hail	Relatively Low	Relatively Low	\$39,933	\$13,521	\$171,141	\$224,595	233	

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
12	Wildfire	Very Low	Very Low	\$16,009	\$5	\$2,274	\$18,288	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Relatively Low	Very Low	\$2,924	n/a	\$5,785	\$8,709	0	Declared 1 time; no Storm Events record of this type.
14	Avalanche	Very Low	Very Low	\$0	n/a	\$33	\$33	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	6	

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

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

Local data needed: state and local wildfire and landslide records (Storm Events records these hazards only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: coastal flooding, tsunami and volcanic activity. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

Inland Flooding: The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (<https://msc.fema.gov>) for this county.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 119.02 (Very Low, 8.9); tract 124 (Very Low, 8.4); tract 122.01 (Very Low, 7.8)
Earthquake	tract 143.02 (Relatively Low, 76.2); tract 135 (Relatively Low, 49.6); tract 2 (Relatively Low, 48.3)
Hurricane	tract 143.02 (Relatively Moderate, 79.2); tract 143.01 (Relatively Low, 71.8); tract 127.01 (Relatively Low, 70.4)
Landslide	tract 124 (Relatively Low, 94.7); tract 125.01 (Relatively Low, 92.4); tract 123 (Relatively Low, 92.0)
Tornado	tract 143.02 (Relatively High, 89.3); tract 126 (Relatively Moderate, 64.7); tract 127.01 (Relatively Moderate, 64.7)
Wildfire	tract 146 (Relatively Low, 71.1); tract 102 (Relatively Low, 71.0); tract 127.01 (Very Low, 68.1)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 119.02 is Census Tract 119.02). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Avalanche	none (count and damage only)	0					Physical measure: in event narratives only (local data needed).
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	19 records, 1996 to 2022 (19 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, \$10,000 property; crops not reported, reported for the zone (2004 dollars)	Countywide (zone-level records).	Wind chill: in event narratives only (local data needed). 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's Cold Wave definition)	crop damage	0					Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	6 records, 1998 to 2016 (6 zone-level)	1 day to 92 days (median 30.5 days); 4 with a recorded value	92 days (3 months), 2016-07-01 to 2016-09-30, a run of 3 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	245 records, 1969 to 2026	0.75 in to 3 in (median 1 in); 245 with a recorded value	3 in hail, 2022-06-01	Hail, 2025-07-03, \$20,000,000 property; crops not reported (2025 dollars)	Event records naming jurisdictions in the plan: Binghamton city (25 records), Binghamton town (25 records), Vestal town (22 records), Maine town (8 records), Kirkwood town (7 records), Conklin town (6 records), Endicott village (5 records), Nanticoke town (5 records), Windsor town (4 records), Windsor village (4 records); and 5 more jurisdictions (see the Excel file).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Excessive Heat, Heat	heat index (in event narratives)	5 records, 2001 to 2012 (5 zone-level)	3 days to 10 days (median 5 days); 3 with a recorded value	10 consecutive days, 2001-08-01 to 2001-08-10, zone-level		Countywide (zone-level records).	Heat index: in event narratives only (local data needed). 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 type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	5 records, 1999 to 2003 (5 zone-level)		Ice Storm, 2003-01-01, \$200,000 property; crops not reported (2003 dollars); NWS zone NYZ056		Countywide (zone-level records).	Ice thickness: in event narratives only (local data needed).
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	229 records, 1996 to 2025 (29 zone-level)		Flash Flood, 2006-06-27, \$200,000,000 property; crops not reported (2006 dollars)		Event records naming jurisdictions in the plan: Vestal town (22 records), Conklin town (18 records), Binghamton city (15 records), Binghamton town (15 records), Maine town (8 records), Endicott village (7 records), Johnson City village (7 records), Sanford town (4 records), Deposit village (3 records), Kirkwood town (3 records); and 4 more jurisdictions (see the Excel file). Zone-level records (29) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	19 records, 2000 to 2021		Lightning, 2010-04-08, \$35,000 property; \$0 crops (2010 dollars)		Event records naming jurisdictions in the plan: Binghamton city (4 records), Binghamton town (4 records), Endicott village (2 records), Vestal town (2 records), Johnson City village (1 record), Triangle town (1 record), Windsor town (1 record), Windsor village (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only (local data needed).
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	17 records, 1996 to 2019 (17 zone-level)	45 kt (52 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 14 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2003-10-15; NWS zone NYZ056	High Wind, 2011-08-28, \$300,000 property; \$0 crops, reported for the zone (2011 dollars)	Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Thunderstorm Wind	wind speed (kt and mph)	597 records, 1956 to 2026	40 kt (46 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 487 with a recorded value	70 kt (81 mph) estimated gust, Thunderstorm Wind, 2019-04-15; same speed and measurement basis also recorded on 2017-06-25	Thunderstorm Wind, 2025-07-03, \$4,000,000 property; \$0 crops (2025 dollars)	Event records naming jurisdictions in the plan: Binghamton city (46 records), Binghamton town (46 records), Vestal town (35 records), Maine town (25 records), Lisle village (21 records), Endicott village (19 records), Windsor town (15 records), Windsor village (15 records), Conklin town (12 records), Triangle town (12 records); and 10 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	12 records, 1962 to 2024	F/EF0 to F/EF3 (median between F/EF0 and F/EF1); 12 with a recorded value	F3 tornado, 1998-05-31, 30 mi within this county, 200 yd wide, \$1,500,000 property; crops not reported (1998 dollars), 12 direct injuries	Tornado, 1992-09-03, \$2,500,000 property; crops not recorded (1992 dollars)	Event records naming jurisdictions in the plan: Kirkwood town (2 records), Sanford town (2 records), Deposit village (1 record), Endicott village (1 record), Vestal town (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Wildfire	acres burned (local data)	0					Acres burned: in event narratives only (local data needed).
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	95 records, 1996 to 2026 (95 zone-level)		Heavy Snow, 2003-01-03, \$500,000 property; crops not reported (2003 dollars); NWS zone NYZ056		Countywide (zone-level records).	Snow depth: in event narratives only (local data needed).

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

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records whose zone no NWS zone-county file places in this county (mostly before 2020) are not counted here (the Methods page explains the zone matching).

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 30 declarations covering 22 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-09-24	2024-08-08	DR-4825-NY	Major disaster	Remnants of Tropical Storm Debby	Hurricane (primary); also designated: Inland Flooding	\$2,404,803.76	in the 12 months before plan approval; within last 5 years	
2021-08-22	2021-08-21	EM-3565-NY	Emergency	Hurricane Henri	Hurricane	no Public Assistance recorded		
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$49,131,085.54		
2020-03-13	2020-01-20	EM-3434-NY	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4480
2018-10-01	2018-08-13	DR-4397-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$5,078,710.41		
2017-07-12	2017-03-14	DR-4322-NY	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$1,176,320.20		
2013-07-12	2013-06-26	DR-4129-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,208,838.86		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		
2011-09-13	2011-09-07	DR-4031-NY	Major disaster	Remnants of Tropical Storm Lee	Hurricane	\$126,113,142.60		
2011-09-08	2011-09-07	EM-3341-NY	Emergency	Remnants of Tropical Storm Lee	Hurricane	no Public Assistance recorded		same incident as DR-4031
2011-06-10	2011-04-26	DR-1993-NY	Major disaster	Severe Storms, Flooding, Tornadoes, and Straight-Line Winds	Inland Flooding (primary); also designated: Strong Wind, Tornado	\$1,692,066.35		
2006-12-12	2006-11-16	DR-1670-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$9,982,983.26		
2006-07-01	2006-06-26	DR-1650-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$38,004,912.51		
2005-09-30	2005-08-29	EM-3262-NY	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2005-04-19	2005-04-02	DR-1589-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$2,269,642.02		
2004-10-01	2004-09-16	DR-1565-NY	Major disaster	Tropical Depression Ivan	Hurricane	\$1,125,287.46		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2004-10-01	2004-08-13	DR-1564-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$616,108.17		
2004-08-03	2004-05-13	DR-1534-NY	Major disaster	Severe Storms and Flooding	Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county		
2003-08-23	2003-08-14	EM-3186-NY	Emergency	Power Outage	Non-natural, not counted	\$7,183.22		
2003-03-27	2003-02-17	EM-3184-NY	Emergency	Snow	Winter Weather	\$327,995.07		
2003-02-25	2002-12-25	EM-3173-NY	Emergency	Snowstorms	Winter Weather	\$742,549.39		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	Fires and Explosions	Non-natural, not counted	\$11,860.15		
2000-10-11	2000-05-22	EM-3155-NY	Emergency	West Nile Virus	Non-natural, not counted	no Public Assistance recorded		
1998-06-16	1998-05-31	DR-1222-NY	Major disaster	Severe Storms and Tornadoes	Tornado	no Public Assistance recorded		
1996-01-24	1996-01-19	DR-1095-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded		
1993-03-17	1993-03-13	EM-3107-NY	Emergency	Severe Blizzard	Winter Weather	no Public Assistance recorded		
1976-07-21	1976-07-21	DR-515-NY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1975-10-02	1975-10-02	DR-487-NY	Major disaster	Storms, Rains, Landslides & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		
1972-06-23	1972-06-23	DR-338-NY	Major disaster	Tropical Storm Agnes	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded		
1970-07-22	1970-07-22	DR-290-NY	Major disaster	Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		

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

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
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, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

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.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	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	19	0	0	2	0	0	1996 to 2026-06-30	
Drought	6	0	0	0	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	245	22	0	42	0	0	1955 to 2026-06-30	
Heat Wave	5	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	6	0	1996 to 2026-06-30	No Storm Events records of this type; 6 federal declared incidents (see declarations table)
Ice Storm	5	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	229	4	24	32	13	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	19	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	614	36	23	127	1	0	1955 to 2026-06-30	Includes 14 High Wind and 3 Strong Wind records.
Tornado	12	0	1	2	2	0	1950 to 2026-06-30	
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	95	4	2	12	4	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2022-06-01	Hail	3 in	\$0 property; \$0 crops (2022 dollars)	0, 0	ENDWELL	within last 5 years	B1-c worst recorded: Hail
2019-04-15	Thunderstorm Wind	70 kt (81 mph) estimated gust	\$15,000 property; \$0 crops (2019 dollars)	0, 0	KATTLEVILLE to VALLONIA SPGS		B1-c worst recorded: Thunderstorm Wind
2010-04-08	Lightning		\$35,000 property; \$0 crops (2010 dollars)	0, 0	BINGHAMTON		B1-c worst recorded: Lightning
2006-06-27	Flash Flood		\$200,000,000 property; crops not reported (2006 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2005-04-02	Flash Flood		\$1,000,000 property; crops not reported (2005 dollars)	2, 0	COUNTYWIDE		deaths or injuries recorded
2005-01-21	Cold/Wind Chill		\$0 property; crops not reported, reported for the zone (2005 dollars)	0, 0	NWS zone NYZ056 (BROOME), zone-level		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 NYZ056 (BROOME), zone-level		B1-c worst recorded: High Wind and Strong Wind
2003-06-13	Flash Flood		\$100,000 property; crops not reported (2003 dollars)	5, 0	DORAVILLE		deaths or injuries recorded
2003-01-03	Heavy Snow		\$500,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ056 (BROOME), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2003-01-01	Ice Storm		\$200,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone NYZ056 (BROOME), zone-level		B1-c worst recorded: Ice Storm
2001-08-01	Heat		damage not reported	0, 0	NWS zone NYZ056 (BROOME), zone-level		B1-c worst recorded: Excessive Heat, Heat
1998-05-31	Tornado	F3, 30 mi within this county, 200 yd wide	\$1,500,000 property; crops not reported (1998 dollars)	0, 12	VESTAL to SANFORD		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,249 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

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

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
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.
Cold Wave	3.68	event-days per year	about 3.68 days per year	Likely (from Storm Events: 8 of 30 years)	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	70	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Likely (from Storm Events: 4 of 30 years)	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	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); Storm Events has a record in 4 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000512	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0512%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2.47	events per year	about 2.47 per year	Highly likely	FEMA annualized frequency (modeled)	93.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.84	event-days per year	about 2.84 days per year	Likely (from Storm Events: 5 of 30 years)	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	47	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0276	events per year	about 1 in 36 years	Possible	FEMA annualized frequency (modeled)	14	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	0.491	event-days per year	about 0.491 days per year	Likely (from Storm Events: 5 of 30 years)	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	33	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.43	event-days per year	about 3.43 days per year	Highly likely (from Storm Events: 28 of 30 years)	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	96	1996 to 2023 (28 years)	see B1-f	
Landslide	0.71	events per year (modeled)	about 0.71 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	

Hazard	FEMA annualized frequency (modeled)	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
	unit per row								
Lightning	30.7	days per year with a strike	about 30.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.37	events per year	about 1.37 per year	Highly likely	FEMA annualized frequency (modeled)	52	1986 to 2023 (38 years)	countywide	
Tornado	0.202	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	
Wildfire	0.0000251	annual probability at a location	chance a given location in the county burns in a year: 0.00251%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	16.3	event-days per year	about 16.3 days per year	Highly likely (from Storm Events: 28 of 30 years)	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	310	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	112	30	3.73
Hail	2.00 in+	1996 to 2025	8	30	0.267
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	448	30	14.9
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	7	30	0.233
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	18	30	0.6
Tornado	EF0-1	1996 to 2025	8	30	0.267
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Avalanche	3 of 57	7.8	8.4	8.9	Very Low 3, Not Applicable 54
Cold Wave	57 of 57	27.8	41.1	79.4	Relatively High 1, Relatively Moderate 17, Relatively Low 39
Drought	0 of 57				No Rating 57
Earthquake	57 of 57	9.6	24.9	76.2	Relatively Low 7, Very Low 50
Hail	57 of 57	26.0	39.7	66.0	Relatively Low 33, Very Low 24
Heat Wave	57 of 57	7.6	19.9	68.8	Relatively Moderate 1, Relatively Low 37, Very Low 19
Hurricane	57 of 57	47.2	57.4	79.2	Relatively Moderate 1, Relatively Low 54, Very Low 2
Ice Storm	57 of 57	17.3	45.4	84.2	Relatively Moderate 2, Relatively Low 48, Very Low 7
Inland Flooding	57 of 57	10.8	65.3	98.9	Very High 1, Relatively High 12, Relatively Moderate 28, Relatively Low 15, Very Low 1
Landslide	57 of 57	9.1	68.4	94.7	Relatively Low 16, Very Low 41
Lightning	57 of 57	32.2	55.3	95.4	Relatively High 1, Relatively Moderate 37, Relatively Low 19

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	57 of 57	18.9	34.9	77.4	Relatively Moderate 1, Relatively Low 55, Very Low 1
Tornado	57 of 57	37.4	52.3	89.3	Relatively High 1, Relatively Moderate 25, Relatively Low 31
Wildfire	54 of 57	19.8	52.1	71.1	Relatively Low 2, Very Low 52, No Rating 3
Winter Weather	57 of 57	51.7	72.0	96.2	Very High 1, Relatively High 14, Relatively Moderate 42

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

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

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

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Broome County	County	Approved, expires 2029-12-03		\$18,214,141.40	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$3,606,605.79 for declarations not counted as hazard incidents (DR-1391-NY, DR-4480-NY, EM-3186-NY).
Binghamton city	City	Approved, expires 2029-12-03	FMA RL 7, SRL 2; any 47	\$3,155,798.45	90 total; 12 since its plan	Includes \$146,523.70 for declarations not counted as hazard incidents (DR-4480-NY).
Deposit village	Village	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 17	\$192,228.17	11 total; 0 since its plan	Also approved under plan 104831 (Delaware County 2021, expires 2027-01-26). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. Whole community, including the part in Delaware County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 9, NFIP SRL 0, any category 9.
Endicott village	Village	Approved, expires 2029-12-03	FMA RL 2, SRL 2; any 7	\$2,598,135.45	34 total; 0 since its plan	Includes \$4,098.30 for declarations not counted as hazard incidents (DR-4480-NY).
Johnson City village	Village	Approved, expires 2029-12-03	FMA RL 7, SRL 1; any 28	\$3,863,738.89	16 total; 1 since its plan	Includes \$36,938.57 for declarations not counted as hazard incidents (DR-4480-NY).
Lisle village	Village	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	23 total; 0 since its plan	
Port Dickinson village	Village	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 0	\$278,069.84	7 total; 4 since its plan	
Whitney Point village	Village	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 1	\$939.60	5 total; 0 since its plan	
Windsor village	Village	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 2	\$233,362.54	22 total; 1 since its plan	
Barker town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 0	\$276,395.25	0 total; 0 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Binghamton town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 0	\$999,037.49	90 total; 12 since its plan	
Chenango town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 1; any 12	\$2,228,761.21	2 total; 0 since its plan	Includes \$12,207.19 for declarations not counted as hazard incidents (DR-4480-NY).
Colesville town	Town	Approved, expires 2029-12-03	FMA RL 3, SRL 0; any 15	\$3,421,387.08	1 total; 0 since its plan	
Conklin town	Town	Approved, expires 2029-12-03	FMA RL 55, SRL 35; any 121	\$3,533,202.85	36 total; 2 since its plan	
Dickinson town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 7	\$417,854.17	1 total; 0 since its plan	
Fenton town	Town	Approved, expires 2029-12-03	FMA RL 1, SRL 0; any 7	\$1,207,998.60	0 total; 0 since its plan	
Kirkwood town	Town	Approved, expires 2029-12-03	FMA RL 7, SRL 10; any 26	\$3,301,234.57	20 total; 0 since its plan	
Maine town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 6	\$2,682,723.49	41 total; 4 since its plan	
Nanticoke town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 1	\$229,297.27	14 total; 0 since its plan	
Sanford town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 2	\$3,755,774.85	15 total; 1 since its plan	
Triangle town	Town	Approved, expires 2029-12-03	FMA RL 0, SRL 0; any 0	\$113,995.21	18 total; 0 since its plan	
Union town	Town	Approved, expires 2029-12-03	FMA RL 23, SRL 17; any 66	\$3,887,446.93	0 total; 0 since its plan	
Vestal town	Town	Approved, expires 2029-12-03	FMA RL 20, SRL 10; any 71	\$5,245,840.38	82 total; 0 since its plan	Includes \$32,820.83 for declarations not counted as hazard incidents (DR-4480-NY).
Windsor town	Town	Approved, expires 2029-12-03	FMA RL 2, SRL 0; any 8	\$6,154,816.57	22 total; 1 since its plan	

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-12-04 <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	n/a	under 1	\$0	n/a	\$33					building exposure is 0 in NRI
Cold Wave	\$39,158,909,317	\$41,301,196	198,638	\$2,319	\$12,231	\$2,035,232	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$69,280,209,815	n/a	198,683	\$528,329	n/a	\$121,396	0.000763%				
Hail	\$39,158,909,317	\$41,301,196	198,638	\$39,933	\$13,521	\$171,141	0.000102%	\$20,050,000			
Heat Wave	\$39,158,909,317	\$41,301,196	198,638	\$1	\$2,693	\$825,181	under 0.0001%				
Hurricane	\$39,025,006,653	\$40,701,321	197,896	\$1,190,695	\$23,840	\$65,368	0.00305%				
Ice Storm	\$39,158,909,317	n/a	198,638	\$211,362	n/a	\$36,729	0.00054%				
Inland Flooding	\$39,128,471,861	\$4,281,873	3,704	\$46,690,864	\$23,279	\$2,084,082	n/a (see note)	\$8,000			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.
Landslide	\$1,358,906,760	n/a	7,304	\$2,924	n/a	\$5,785	0.000215%				
Lightning	\$39,158,909,317	n/a	198,638	\$12,512	n/a	\$782,494	under 0.0001%				
Strong Wind	\$39,158,909,317	\$41,301,196	198,638	\$224,670	\$671	\$338,854	0.000574%	\$4,865,000			
Tornado	\$39,158,909,317	\$41,301,196	198,638	\$841,570	\$399	\$3,440,757	0.00215%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-12-04 <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
Wildfire	\$13,551,396,907	\$27,013,408	72,282	\$16,009	\$5	\$2,274	0.000118%				
Winter Weather	\$39,158,909,317	\$41,301,196	198,638	\$26,869	\$20	\$350,247	under 0.0001%		\$0		

Totals since 2024-12-04 (Storm Events through 2026-06-30): 62 county-coded records, 46 with a damage value recorded (including \$0), \$24,923,000; 4 zone-level records, 4 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

FEMA does not split Public Assistance by hazard. A declaration mapped to several hazards is listed under each of them with its full amount, so the per-hazard column does not add up to the total; the unit total counts each declaration once.

NRI computes earthquake exposure on its own basis, so it exceeds the county building value in B2-a.

Supports FEMA checklist item B2-a: vulnerability (county context)

County context

Source: 5

Measure	Value
Population	198,638
Building value (total, not at risk)	\$39,158,909,317
Agriculture value (total, not at risk)	\$41,301,196
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$49,864,717
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)	\$10,259,573
Social vulnerability rating	Relatively Moderate
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	127	Severe repetitive loss, FMA definition (44 CFR 77.2)	78
Repetitive loss, NFIP insurance definition	382	Severe repetitive loss, NFIP insurance definition	44

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	127	78	382	44	436	43	133
of which: Binghamton city	7	2	47	2	47	0	13
of which: Chenango town	0	1	11	0	12	1	5
of which: Colesville town	3	0	14	0	15	1	6
of which: Conklin town	55	35	96	18	121	24	38
of which: Deposit village	0	0	9	0	9	0	3
of which: Dickinson town	0	0	7	0	7	0	3
of which: Endicott village	2	2	5	1	7	2	3
of which: Fenton town	1	0	7	0	7	0	3
of which: Johnson City village	7	1	28	1	28	0	10
of which: Kirkwood town	7	10	23	9	26	3	5
of which: Maine town	0	0	6	0	6	0	3
of which: Nanticoke town	0	0	1	0	1	0	0
of which: Sanford town	0	0	2	0	2	0	0
of which: Union town	23	17	44	4	66	12	18
of which: Vestal town	20	10	71	9	71	0	19
of which: Whitney Point village	0	0	1	0	1	0	0
of which: Windsor town	2	0	8	0	8	0	3
of which: Windsor village	0	0	2	0	2	0	1
Statewide, no county in FEMA's file	0	0	19	0	19	0	3

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

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

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Binghamton city	360038	7	2	47	2	47	0	13	
Deposit village	360043	0	0	17	0	17	0	4	Whole community, including the part in Delaware County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 9, NFIP SRL 0, any category 9.
Endicott village	360045	2	2	5	1	7	2	3	
Johnson City village	360047	7	1	28	1	28	0	10	
Lisle village	360050	0	0	0	0	0	0	0	
Port Dickinson village	360053	0	0	0	0	0	0	0	
Whitney Point village	360058	0	0	1	0	1	0	0	
Windsor village	360060	0	0	2	0	2	0	1	
Barker town	360037	0	0	0	0	0	0	0	
Binghamton town	360039	0	0	0	0	0	0	0	
Chenango town	360040	0	1	11	0	12	1	5	
Colesville town	360041	3	0	14	0	15	1	6	
Conklin town	360042	55	35	96	18	121	24	38	
Dickinson town	360044	0	0	7	0	7	0	3	
Fenton town	360046	1	0	7	0	7	0	3	
Kirkwood town	360048	7	10	23	9	26	3	5	
Maine town	360051	0	0	6	0	6	0	3	
Nanticoke town	360052	0	0	1	0	1	0	0	
Sanford town	360054	0	0	2	0	2	0	0	
Triangle town	360055	0	0	0	0	0	0	0	
Union town	360056	23	17	44	4	66	12	18	
Vestal town	360057	20	10	71	9	71	0	19	
Windsor town	360059	2	0	8	0	8	0	3	

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

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

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	112	65	313	37	358	37	107
2 to 4 unit residential	10	4	24	0	31	4	9
other residential	0	1	4	1	4	0	0
non-residential	5	8	41	6	43	2	17
not reported	0	0	0	0	0	0	0

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

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

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

In this county 39 properties are FMA repetitive loss but not NFIP repetitive loss, and 294 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment, organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B. Each section heading names the item its tables support; the plan and FEMA's review decide whether the item is met.

The plan adds what only the community has: local data on assets, critical facilities, development and each jurisdiction's impacts; local hazard history, including state-declared emergencies; the mitigation strategy; and adoption.

How the federal data are built: National Risk Index values are FEMA's model, not counts of events. Storm Events is more complete from 1996; zone-level records are placed by forecast zone, not by location in the county. Public Assistance for a jurisdiction is matched by applicant name. The Methods page gives every rule and the known edge cases.

OpenFEMA disclaimer

This product uses the Federal Emergency Management Agency's OpenFEMA API, but is not endorsed by FEMA. The Federal Government or FEMA cannot vouch for the data or analyses derived from these data after the data have been retrieved from the Agency's website(s).

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Broome County, NY: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 36007). Automated baseline. <https://hazardplain.org/ny/36007/> 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: contact@hazardplain.org

Hazard Plain release 2026-10. As of 2026-09-30; Storm Events data through 2026-06-30. Automated baseline.