

Allegany County, NY

Risk-assessment baseline packet

County FIPS: 36003 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 2029-11-06. Plan: Allegany County 2024 (FEMA plan 109878), approved 2024-11-07.

Since the plan was approved on 2024-11-07: no new hazard declaration and 46 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$23,658,943 a year), Tornado (\$863,636) and Strong Wind (\$840,777).

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; 36003 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 2029-11-06	Plan:	Allegany County 2024 (FEMA plan 109878)
Approved:	2024-11-07	Days to expiry:	1,133
What changed since your last plan (approved 2024-11-07)			
New federal declarations:	none	Storm Events records since approval:	46 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 1, SRL 1 (44 CFR 77.2); any definition: 11	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: 40 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
Allegany County	County	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-06
Alfred village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-08-04
Almond village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-09-29
Andover village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-02-10
Angelica village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-01-13
Belmont village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-06
Bolivar village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-22
Canaseraga village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-08-26
Cuba village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-22
Richburg village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-08-26
Wellsville village	Village	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-07-16
Alfred town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-19
Allen town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-07-16
Alma town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-09-19
Almond town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-07-18
Amity town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-07-30
Andover town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-25
Angelica town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-20
Belfast town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-01-21

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Notes
Birdsall town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-09-11
Bolivar town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-04-30
Burns town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-08-11
Caneadea town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-06
Centerville town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-22
Clarksville town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-03-17
Cuba town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-20
Friendship town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-06
Genesee town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-01-13
Granger town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-04-23
Grove town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-22
Hume town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-01-21
Independence town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-22
New Hudson town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-01-21
Rushford town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-04-28
Scio town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-19
Ward town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-19
Wellsville town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-07-16
West Almond town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-04-18
Willing town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2024-11-22
Wirt town	Town	Approved, expires 2029-11-06	Allegany County 2024 (FEMA plan 109878)	2024-11-07	2029-11-06	1,133	this jurisdiction approved 2025-04-21

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	\$23,044,203	\$2,904	\$611,836	\$23,658,943	104	
2	Tornado	Relatively Low	Relatively Low	\$250,164	\$1,017	\$612,455	\$863,636	10	
3	Strong Wind	Relatively Moderate	Relatively Moderate	\$309,509	\$8,053	\$523,215	\$840,777	293	Includes 31 High Wind records (a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition).
4	Cold Wave	Relatively Low	Relatively Low	\$585	\$2,701	\$641,630	\$644,916	29	Includes 25 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
5	Lightning	Relatively Moderate	Relatively Moderate	\$4,229	n/a	\$325,595	\$329,824	3	
6	Hurricane	Relatively Low	Relatively Low	\$259,622	\$35,260	\$7,839	\$302,721	0	Declared 4 times; no Storm Events record of this type.
7	Hail	Very Low	Very Low	\$9,875	\$43,239	\$25,903	\$79,017	23	
8	Earthquake	Very Low	Very Low	\$44,730	n/a	\$7,309	\$52,039		Storm Events does not record earthquakes.
9	Ice Storm	Relatively Low	Relatively Low	\$30,499	n/a	\$8,101	\$38,600	2	
10	Heat Wave	Very Low	Very Low	under \$1	\$1,401	\$30,409	\$31,810	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
11	Winter Weather	Relatively Low	Relatively Low	\$10,346	\$54	\$19,726	\$30,126	64	

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	Landslide	Relatively Low	Very Low	\$1,433	n/a	\$6,275	\$7,708	0	Declared 1 time; no Storm Events record of this type.
13	Wildfire	Very Low	Very Low	\$6,267	\$8	\$708	\$6,982	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Drought	Very Low	Very Low	n/a	\$3,660	n/a	\$3,660	4	
15	Avalanche	Very Low	Very Low	\$0	n/a	\$72	\$72	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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 landslide and wildfire 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 9510 (Very Low, 15.1)
Earthquake	tract 9503 (Very Low, 24.5); tract 9506 (Very Low, 22.1); tract 9508 (Very Low, 20.1)
Hurricane	tract 9503 (Relatively Low, 63.8); tract 9508 (Relatively Low, 61.6); tract 9506 (Relatively Low, 60.6)
Landslide	tract 9508 (Relatively Low, 93.5); tract 9512.02 (Relatively Low, 92.7); tract 9510 (Relatively Low, 92.0)
Tornado	tract 9503 (Relatively Moderate, 58.9); tract 9505 (Relatively Moderate, 57.5); tract 9506 (Relatively Moderate, 57.2)
Wildfire	tract 9505 (Very Low, 65.8); tract 9503 (Very Low, 65.6); tract 9508 (Very Low, 65.1)

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 9510 is Census Tract 9510). 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					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	4 records, 2016 to 2026 (4 zone-level)	2 days; 4 with a recorded value	2 consecutive days, 2026-02-07 to 2026-02-08, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	25 records, 2008 to 2026 (25 zone-level)		Frost/Freeze, 2010-05-10, \$15,000 crop damage (2010 dollars); NWS zone NYZ021		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	4 records, 2016 (4 zone-level)	99 days; 1 with a recorded value	99 days (about 3.3 months), 2016-07-21 to 2016-10-27, a run of 4 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)	31 records, 1956 to 2026	0.75 in to 1.75 in (median 0.88 in); 31 with a recorded value	1.75 in hail, 2018-06-13; same size also recorded on 1956-07-09, 1985-06-24, 2012-07-07	Hail, 2012-07-07, \$10,000 property; \$10,000 crops (2012 dollars)	Event records naming jurisdictions in the plan: Wellsville town (4 records), Wellsville village (4 records), Bolivar town (3 records), Bolivar village (3 records), Rushford town (3 records), Friendship town (2 records), Scio town (2 records), Andover town (1 record), Andover village (1 record), Angelica town (1 record); and 6 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	0					
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)	2 records, 1997 to 2002 (2 zone-level)		Ice Storm, 2002-11-17, \$50,000 property; crops not reported (2002 dollars); NWS zone NYZ021		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
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	104 records, 1996 to 2026 (4 zone-level)		Flash Flood, 2003-07-23, \$7,000,000 property; crops not reported (2003 dollars)		Event records naming jurisdictions in the plan: Wellsville town (11 records), Wellsville village (11 records), Andover town (7 records), Andover village (7 records), Richburg village (7 records), Canaseraga village (6 records), Cuba town (6 records), Cuba village (6 records), Belfast town (5 records), Bolivar town (5 records); and 18 more jurisdictions (see the Excel file). Zone-level records (4) 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					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	3 records, 2006 to 2018		Lightning, 2006-06-29, \$50,000 property; crops not reported (2006 dollars)		Event records naming jurisdictions in the plan: Belmont village (1 record), Centerville town (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	31 records, 1996 to 2024 (31 zone-level)	50 kt (58 mph) to 55 kt (63 mph) (median 50 kt (58 mph)); 26 with a recorded value	55 kt (63 mph) estimated gust, High Wind, 2006-02-17; NWS zone NYZ021	High Wind, 2012-10-29, \$150,000 property; \$0 crops (zone total, 2012 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	304 records, 1956 to 2026	50 kt (58 mph) to 80 kt (92 mph) (median 50 kt (58 mph)); 240 with a recorded value	80 kt (92 mph) estimated gust, Thunderstorm Wind, 2011-05-25	Thunderstorm Wind, 2005-07-26, \$150,000 property; crops not reported (2005 dollars)	Event records naming jurisdictions in the plan: Wellsville town (27 records), Wellsville village (27 records), Cuba town (23 records), Cuba village (23 records), Bolivar town (21 records), Bolivar village (21 records), Belfast town (12 records), Angelica town (11 records), Angelica village (11 records), Friendship town (11 records); and 19 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	11 records, 1993 to 2024	F/EF0 to F/EF2 (median F/EF1); 11 with a recorded value	F2 tornado, 2002-04-28, 6.5 mi within this county, 300 yd wide, \$500,000 property; crops not reported (2002 dollars); same rating, casualties and property damage also recorded on 1993-09-03		Event records naming jurisdictions in the plan: Angelica town (2 records), Angelica village (2 records), Belfast town (1 record), Canaseraga village (1 record), Cuba town (1 record), Cuba village (1 record), Scio town (1 record), Wellsville town (1 record), Wellsville village (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).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	64 records, 1996 to 2026 (64 zone-level)		Heavy Snow, 2000-11-22, \$1,000,000 property; crops not reported (2000 dollars); NWS zone NYZ021		Countywide (zone-level records).	

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".

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of avalanche, debris flow and lightning.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records from zones that 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: 25 declarations covering 19 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	\$731,758.94	in the 12 months before plan approval; within last 5 years	
2021-10-08	2021-08-18	DR-4625-NY	Major disaster	Remnants of Tropical Storm Fred	Hurricane	\$2,043,517.26	within last 5 years	
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$148,385.70		
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
2014-07-08	2014-05-13	DR-4180-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,327,751.63		
2013-07-12	2013-06-26	DR-4129-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$242,912.23		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		
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	\$3,234,080.39		
2009-09-01	2009-08-08	DR-1857-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$690,896.24		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
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		
2004-10-01	2004-08-13	DR-1564-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$855,719.39		
2004-08-03	2004-05-13	DR-1534-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,070,308.42		
2003-08-29	2003-07-21	DR-1486-NY	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding; Tornado	\$5,030,643.06		
2003-08-23	2003-08-14	EM-3186-NY	Emergency	Power Outage	Non-natural, not counted	\$1,655.47		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	Fires and Explosions	Non-natural, not counted	\$8,913.54		
2000-10-11	2000-05-22	EM-3155-NY	Emergency	West Nile Virus	Non-natural, not counted	no Public Assistance recorded		
2000-07-21	2000-05-03	DR-1335-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,125,151.08		
1998-07-07	1998-06-25	DR-1233-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	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		
1991-03-21	1990-03-03	DR-898-NY	Major disaster	Severe Winter Storm	Winter Weather	no Public Assistance recorded		
1984-09-25	1984-09-25	DR-725-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		
1967-10-30	1967-10-30	DR-233-NY	Major disaster	Severe Storms & 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.

Public Assistance filed under this county for declarations that do not list it: 3 rows, \$9,285.63

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
EM-3170-NY	2001-12-31	Snow	Lyndon, Town of	\$3,778.07
EM-3157-NY	2000-12-04	Snow	Lyndon, Town of	\$2,663.81
EM-3136-NY	1999-01-15	Snow	Lyndon, Town of	\$2,843.75

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

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 records	In the 12 months before plan approval records	Last 5 years records	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	29	2	0	3	0	0	1996 to 2026-06-30	Includes 25 Frost/Freeze records.
Drought	4	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	31	1	0	1	0	0	1955 to 2026-06-30	
Heat Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events

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
Hurricane	0	0	0	0	4	0	1996 to 2026-06-30	No Storm Events records of this type; 4 federal declared incidents (see declarations table)
Ice Storm	2	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	104	18	11	39	15	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	3	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	335	21	15	58	1	0	1955 to 2026-06-30	Includes 31 High Wind records.
Tornado	11	0	1	1	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	64	4	0	6	2	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
2026-02-07	Extreme Cold/ Wind Chill		damage not reported	0, 0	NWS zone NYZ021 (ALLEGANY), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2018-06-13	Hail	1.75 in	\$0 property; \$0 crops (2018 dollars)	0, 0	RUSHFORD		B1-c worst recorded: Hail
2012-06-12	Flash Flood		\$0 property; \$0 crops (2012 dollars)	0, 10	RICHBURG to INAAVE		deaths or injuries recorded
2011-11-14	Thunderstorm Wind	61 kt (70 mph) estimated gust	\$0 property; \$0 crops (2011 dollars)	0, 15	KOSSUTH		deaths or injuries recorded
2011-11-14	Thunderstorm Wind	61 kt (70 mph) estimated gust	\$0 property; \$0 crops (2011 dollars)	0, 10	FRIENDSHIP		deaths or injuries recorded
2011-05-25	Thunderstorm Wind	80 kt (92 mph) estimated gust	\$100,000 property; \$0 crops (2011 dollars)	0, 0	FRIENDSHIP		B1-c worst recorded: Thunderstorm Wind
2010-05-10	Frost/Freeze		\$0 property; \$15,000 crops (zone total, 2010 dollars)	0, 0	NWS zone NYZ021 (ALLEGANY), zone-level		B1-c worst recorded: Frost/Freeze
2006-06-29	Lightning		\$50,000 property; crops not reported (2006 dollars)	0, 0	WEST CLARKSVILLE		B1-c worst recorded: Lightning
2006-02-17	High Wind	55 kt (63 mph) estimated gust	\$100,000 property; crops not reported (zone total, 2006 dollars)	0, 0	NWS zone NYZ021 (ALLEGANY), zone-level		B1-c worst recorded: High Wind and Strong Wind
2003-07-23	Flash Flood		\$7,000,000 property; crops not reported (2003 dollars)	0, 0	BELFAST		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2002-11-17	Ice Storm		\$50,000 property; crops not reported (zone total, 2002 dollars)	0, 0	NWS zone NYZ021 (ALLEGANY), zone-level		B1-c worst recorded: Ice Storm
2002-04-28	Tornado	F2, 6.5 mi within this county, 300 yd wide	\$500,000 property; crops not reported (2002 dollars)	0, 0	BELFAST		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (583 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	4.05	event-days per year	about 4.05 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	77	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0.33	event-days per year	about 0.33 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	28	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000408	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0408%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.14	events per year	about 1.14 per year	Highly likely	FEMA annualized frequency (modeled)	43.4 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.684	event-days per year	about 0.684 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	15	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events heat wave record, 1996 to 2025
Hurricane	0.024	events per year	about 1 in 42 years	Possible	FEMA annualized frequency (modeled)	8	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	0.356	event-days per year	about 0.356 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	24	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.61	event-days per year	about 1.61 days per year	Likely	Storm Events event-days in 24 of 30 years, 1996 to 2025 (80%)	45	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	0.937	events per year (modeled)	about 0.94 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	30.6	days per year with a strike	about 30.6 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.83	events per year	about 1.83 per year	Highly likely	FEMA annualized frequency (modeled)	70	1986 to 2023 (38 years)	countywide	
Tornado	0.185	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	0.0000217	annual probability at a location	chance a given location in the county burns in a year: 0.00217%		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	20.2	event-days per year	about 20.2 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	383	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	11	30	0.367
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	226	30	7.53
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	23	30	0.767
Tornado	EF0-1	1996 to 2025	9	30	0.3
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	1 of 16	15.1	15.1	15.1	Very Low 1, Not Applicable 15
Cold Wave	16 of 16	15.9	45.4	59.2	Relatively Moderate 8, Relatively Low 7, Very Low 1
Drought	3 of 16	76.4	79.3	82.2	Relatively Low 2, Very Low 1, No Rating 13
Earthquake	16 of 16	0.2	14.1	24.5	Very Low 16
Hail	16 of 16	0.8	43.7	60.0	Relatively Low 12, Very Low 4
Heat Wave	16 of 16	1.6	3.2	4.5	Very Low 16
Hurricane	16 of 16	14.9	57.6	63.8	Relatively Low 15, Very Low 1
Ice Storm	16 of 16	0.1	28.8	62.1	Relatively Low 5, Very Low 11
Inland Flooding	16 of 16	0.3	89.9	98.1	Very High 5, Relatively High 6, Relatively Moderate 3, Relatively Low 1, Very Low 1
Landslide	16 of 16	10.0	89.0	93.5	Relatively Low 13, Very Low 3
Lightning	16 of 16	0.4	70.3	85.9	Relatively High 6, Relatively Moderate 8, Relatively Low 1, Very Low 1
Strong Wind	16 of 16	1.5	79.7	90.7	Relatively High 7, Relatively Moderate 8, Very Low 1
Tornado	16 of 16	1.0	47.7	58.9	Relatively Moderate 5, Relatively Low 10, Very Low 1
Wildfire	16 of 16	19.8	57.7	65.8	Very Low 16
Winter Weather	16 of 16	10.8	43.7	56.5	Relatively Moderate 7, Relatively Low 8, Very Low 1

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

Hail: Agriculture is 55% of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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, drought, 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 (crop and livestock value where a line above names agriculture).

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
Allegany County	County	Approved, expires 2029-11-06		\$1,252,141.05	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$10,569.01 for declarations not counted as hazard incidents (DR-1391-NY, EM-3186-NY).
Alfred village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$39,231.64	10 total; 1 since its plan	
Almond village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	8 total; 1 since its plan	
Andover village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 2	\$55,003.38	16 total; 1 since its plan	
Angelica village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$358,329.91	16 total; 0 since its plan	
Belmont village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	12 total; 1 since its plan	
Bolivar village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	29 total; 1 since its plan	
Canaseraga village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$24,557.28	12 total; 6 since its plan	
Cuba village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$45,951.36	31 total; 2 since its plan	
Richburg village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$7,461	9 total; 1 since its plan	
Wellsville village	Village	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 1	\$353,678.38	43 total; 2 since its plan	
Alfred town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$274,354.89	10 total; 1 since its plan	
Allen town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$313,778.94	0 total; 0 since its plan	
Alma town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$261,806.34	7 total; 0 since its plan	
Almond town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 1	\$462,258.89	8 total; 1 since its plan	
Amity town	Town	Approved, expires 2029-11-06	FMA RL 1, SRL 1; any 2	\$311,380.10	0 total; 0 since its plan	
Andover town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 1	\$946,868.35	16 total; 1 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Angelica town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$1,381,853.77	16 total; 0 since its plan	
Belfast town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$406,189.13	18 total; 2 since its plan	
Birdsall town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$147,517.86	3 total; 0 since its plan	
Bolivar town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$13,644.38	29 total; 1 since its plan	
Burns town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$62,692.75	1 total; 0 since its plan	
Caneadea town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$773,718.06	10 total; 0 since its plan	
Centerville town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$320,549.29	6 total; 0 since its plan	
Clarksville town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$100,636.46	0 total; 0 since its plan	
Cuba town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$762,019.04	31 total; 2 since its plan	
Friendship town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$528,303.28	16 total; 3 since its plan	
Genesee town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$495,197.71	0 total; 0 since its plan	
Granger town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$713,694.14	0 total; 0 since its plan	
Grove town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 1	\$234,052.32	2 total; 0 since its plan	
Hume town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$320,697.12	12 total; 1 since its plan	
Independence town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	6 total; 1 since its plan	
New Hudson town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$301,592.77	0 total; 0 since its plan	
Rushford town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	14 total; 1 since its plan	
Scio town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$824,910.74	16 total; 2 since its plan	
Ward town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$10,070.25	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
Wellsville town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 2	\$1,195,689.64	43 total; 2 since its plan	
West Almond town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$1,570,586.47	5 total; 2 since its plan	
Willing town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	\$625,605.75	0 total; 0 since its plan	
Wirt town	Town	Approved, expires 2029-11-06	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 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 2024-11-07 <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	\$72					building exposure is 0 in NRI
Cold Wave	\$10,734,023,855	\$89,261,520	46,450	\$585	\$2,701	\$641,630	under 0.0001%		\$0		
Drought	n/a	\$847,287	n/a	n/a	\$3,660	n/a	0.432% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$19,360,140,942	n/a	46,456	\$44,730	n/a	\$7,309	0.000231%				

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 2024-11-07 <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
Hail	\$10,734,023,855	\$89,261,520	46,450	\$9,875	\$43,239	\$25,903	under 0.0001%				
Heat Wave	\$10,734,023,855	\$89,261,520	46,450	under \$1	\$1,401	\$30,409	under 0.0001%				
Hurricane	\$10,734,023,855	\$89,261,520	46,450	\$259,622	\$35,260	\$7,839	0.00242%				
Ice Storm	\$10,734,023,855	n/a	46,450	\$30,499	n/a	\$8,101	0.000284%				
Inland Flooding	\$10,705,576,503	\$6,711,069	3,183	\$23,044,203	\$2,904	\$611,836	n/a (see note)	\$0			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	\$505,005,604	n/a	2,382	\$1,433	n/a	\$6,275	0.000284%				
Lightning	\$10,734,023,855	n/a	46,450	\$4,229	n/a	\$325,595	under 0.0001%				
Strong Wind	\$10,734,023,855	\$89,261,520	46,450	\$309,509	\$8,053	\$523,215	0.00288%	\$66,000			
Tornado	\$10,734,023,855	\$89,261,520	46,450	\$250,164	\$1,017	\$612,455	0.00233%				
Wildfire	\$5,169,033,342	\$47,023,221	23,111	\$6,267	\$8	\$708	0.000121%				
Winter Weather	\$10,734,023,855	\$89,261,520	46,450	\$10,346	\$54	\$19,726	under 0.0001%		\$0		

Totals since 2024-11-07 (Storm Events through 2026-06-30): 40 county-coded records, 38 with a damage value recorded (including \$0), \$66,000; 6 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	46,450
Building value (total, not at risk)	\$10,734,023,855
Agriculture value (total, not at risk)	\$89,261,520
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$24,069,757
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$2,821,075
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively 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)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	11	Severe repetitive loss, NFIP insurance definition	1

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	1	1	11	1	11	0	0
of which: Almond village	0	0	1	0	1	0	0
of which: Andover village	0	0	2	0	2	0	0
of which: Wellsville town	0	0	2	0	2	0	0
of which: Wellsville village	0	0	1	0	1	0	0
of which: Almond town	0	0	1	0	1	0	0
of which: Grove town	0	0	1	0	1	0	0
of which: Amity town	1	1	2	1	2	0	0
of which: Andover town	0	0	1	0	1	0	0
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>
Alfred village	360018	0	0	0	0	0	0	0
Almond village	360021	0	0	1	0	1	0	0
Andover village	360022	0	0	2	0	2	0	0
Angelica village	360023	0	0	0	0	0	0	0
Belmont village	360025	0	0	0	0	0	0	0
Bolivar village	360026	0	0	0	0	0	0	0
Canaseraga village	360027	0	0	0	0	0	0	0
Cuba village	360029	0	0	0	0	0	0	0
Richburg village	360032	0	0	0	0	0	0	0
Wellsville village	360036	0	0	1	0	1	0	0
Alfred town	360019	0	0	0	0	0	0	0
Allen town	361361	0	0	0	0	0	0	0
Alma town	360980	0	0	0	0	0	0	0
Almond town	360968	0	0	1	0	1	0	0
Amity town	361093	1	1	2	1	2	0	0
Andover town	361094	0	0	1	0	1	0	0
Angelica town	361095	0	0	0	0	0	0	0

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>
Belfast town	361096	0	0	0	0	0	0	0
Birdsall town	361362	0	0	0	0	0	0	0
Bolivar town	361097	0	0	0	0	0	0	0
Burns town	361098	0	0	0	0	0	0	0
Caneadea town	360028	0	0	0	0	0	0	0
Centerville town	361009	0	0	0	0	0	0	0
Clarksville town	361461	0	0	0	0	0	0	0
Cuba town	361099	0	0	0	0	0	0	0
Friendship town	361100	0	0	0	0	0	0	0
Genesee town	361101	0	0	0	0	0	0	0
Granger town	361363	0	0	0	0	0	0	0
Grove town	361005	0	0	1	0	1	0	0
Hume town	361007	0	0	0	0	0	0	0
Independence town	361008	0	0	0	0	0	0	0
New Hudson town	361102	0	0	0	0	0	0	0
Rushford town	360033	0	0	0	0	0	0	0
Scio town	360034	0	0	0	0	0	0	0
Ward town	361605	0	0	0	0	0	0	0
Wellsville town	360035	0	0	2	0	2	0	0
West Almond town	361365	0	0	0	0	0	0	0
Willing town	361047	0	0	0	0	0	0	0
Wirt town	361597	0	0	0	0	0	0	0

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	1	1	11	1	11	0	0
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
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 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 10 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 (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each 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

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Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org