

Orange County, NY

Risk-assessment baseline packet

County FIPS: 36071 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 2030-10-09. Plan: Orange County 2025 (FEMA plan 109982), approved 2025-10-10.

Since the plan was approved on 2025-10-10: no new hazard declaration and 11 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 (\$63,237,028 a year), Hurricane (\$9,755,491) and Cold Wave (\$7,493,330).

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; 36071 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 2030-10-09	Plan:	Orange County 2025 (FEMA plan 109982)
Approved:	2025-10-10	Days to expiry:	1,470
What changed since your last plan (approved 2025-10-10)			
New federal declarations:	none	Storm Events records since approval:	11 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 7, SRL 37 (44 CFR 77.2); any definition: 186	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: 42 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 <i>negative = days since expiry</i>	Update underway	Notes
Orange County	County	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		
Chester village	Village	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-11-24
Cornwall-on-Hudson village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Florida village	Village	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-12-08
Goshen village	Village	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-07-15
Greenwood Lake village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Harriman village	Village	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-01-29
Highland Falls village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Maybrook village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Middletown city	City	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Monroe village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Montgomery village	Village	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-12-09
Newburgh city	City	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Otisville village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Port Jervis city	City	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-12-08
South Blooming Grove village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Tuxedo Park village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Unionville village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan awaiting revisions	
Walden village	Village	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-01-12
Warwick village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Washingtonville village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Woodbury village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
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Blooming Grove town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Chester town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-06-09
Cornwall town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-07-15
Crawford town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Deerpark town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Goshen town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-10-29
Greenville town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-12-01
Hamptonburgh town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-12-09
Highlands town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Minisink town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Monroe town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Montgomery town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Mount Hope town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
New Windsor town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		Also approved under plan 107668 (New Windsor 2021, expires 2026-10-11). 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 2026-07-15
Newburgh town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-01-29
Tuxedo town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2025-12-09
Wallkill town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Warwick town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	Orange County 2025 (FEMA plan 109982), pending adoption here	2025-10-10 by FEMA; not yet adopted here	2030-10-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wawayanda town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-01-12
Woodbury town	Town	Approved, expires 2030-10-09	Orange County 2025 (FEMA plan 109982)	2025-10-10	2030-10-09	1,470		this jurisdiction approved 2026-07-22

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 High	Relatively High	\$59,496,847	\$951,843	\$2,788,338	\$63,237,028	152	
2	Hurricane	Relatively Moderate	Relatively High	\$9,059,663	\$338,216	\$357,611	\$9,755,491	2	
3	Cold Wave	Relatively High	Relatively High	\$727	\$14,751	\$7,477,851	\$7,493,330	5	
4	Tornado	Relatively Moderate	Relatively Moderate	\$1,152,056	\$819	\$3,652,806	\$4,805,680	6	
5	Earthquake	Relatively Low	Relatively Moderate	\$3,347,720	n/a	\$533,647	\$3,881,366		Storm Events does not record earthquakes.
6	Strong Wind	Relatively High	Relatively High	\$625,531	\$1,303	\$2,945,727	\$3,572,561	366	Includes 26 High Wind and 10 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Heat Wave	Relatively Moderate	Relatively Moderate	under \$1	\$14,941	\$2,714,806	\$2,729,747	15	
8	Lightning	Relatively High	Relatively High	\$39,185	n/a	\$1,133,261	\$1,172,446	32	
9	Drought	Relatively Moderate	Relatively Moderate	n/a	\$709,966	n/a	\$709,966	10	
10	Winter Weather	Relatively High	Relatively High	\$106,382	\$50	\$532,429	\$638,861	132	
11	Ice Storm	Relatively Moderate	Relatively Moderate	\$211,122	n/a	\$145,080	\$356,202	9	

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	Hail	Relatively Low	Relatively Low	\$33,075	\$48,172	\$87,063	\$168,311	70	
13	Landslide	Relatively Moderate	Relatively Low	\$70,228	n/a	\$18,804	\$89,032	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Coastal Flooding	Relatively Low	Relatively Low	\$72,163	n/a	\$515	\$72,678	1	
15	Wildfire	Very Low	Very Low	\$43,073	\$24	\$13,169	\$56,265	0	Declared 2 times; no Storm Events record of this type.
16	Avalanche	Very Low	Very Low	under \$1	n/a	\$618	\$618	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: 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.

Coastal Flooding and 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 148.01 (Very Low, 42.2); tract 149 (Very Low, 40.9); tract 131 (Very Low, 40.3)
Earthquake	tract 119 (Relatively Low, 77.1); tract 108.02 (Relatively Low, 75.0); tract 150.03 (Relatively Low, 74.0)
Hurricane	tract 119 (Relatively Moderate, 88.8); tract 110 (Relatively Moderate, 83.7); tract 145.01 (Relatively Moderate, 83.5)
Landslide	tract 149 (Relatively Moderate, 99.1); tract 136 (Relatively Moderate, 97.6); tract 131 (Relatively Moderate, 97.4)
Tornado	tract 150.03 (Relatively Moderate, 61.8); tract 119 (Relatively Moderate, 58.9); tract 150.05 (Relatively Moderate, 58.5)
Wildfire	tract 119 (Relatively Low, 80.6); tract 145.01 (Relatively Low, 77.8); tract 145.02 (Relatively Low, 76.6)

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 148.01 is Census Tract 148.01). 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					
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	1 record, 1996 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	5 records, 2000 to 2015 (5 zone-level)	1 day to 2 days (median 2 days); 5 with a recorded value	2 consecutive days, 2015-02-15 to 2015-02-16, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	10 records, 2001 to 2002 (10 zone-level)	92 days to 214 days (median 153 days); 2 with a recorded value	214 days (7 months), 2002-04-01 to 2002-10-31, a run of 7 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)	87 records, 1975 to 2023	0.75 in to 2 in (median 1 in); 87 with a recorded value	2 in hail, 1987-07-19	Hail, 2011-06-09, \$750,000 property; crops not reported (2011 dollars)	Event records naming jurisdictions in the plan: Montgomery town (8 records), Montgomery village (8 records), Newburgh city (8 records), Newburgh town (8 records), Monroe town (5 records), Monroe village (5 records), Blooming Grove town (4 records), New Windsor town (4 records), Warwick town (4 records), Warwick village (4 records); and 16 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	15 records, 1999 to 2019 (15 zone-level)	1 day to 3 days (median 2 days); 12 with a recorded value	3 consecutive days, 2006-08-01 to 2006-08-03, zone-level		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
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	2 records, 2008 to 2020 (2 zone-level)		Strongest recorded: Tropical Storm record, 2008-09-06 to 2008-09-07, \$4,000 property; crops not reported (2008 dollars); NWS zone NYZ067		Countywide (zone-level records).	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)	9 records, 1998 to 2025 (9 zone-level)		No damage reported in 9 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	152 records, 1996 to 2025 (5 zone-level)		Flood, 2005-04-02, \$17,000,000 property; crops not reported (2005 dollars); NWS zone NYZ067		Event records naming jurisdictions in the plan: Highland Falls village (11 records), Cornwall town (9 records), Goshen town (7 records), Goshen village (7 records), Monroe town (7 records), Monroe village (7 records), Washingtonville village (6 records), Middletown city (5 records), Harriman village (4 records), New Windsor town (4 records); and 18 more jurisdictions (see the Excel file). Zone-level records (5) 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)	32 records, 1998 to 2023		Lightning, 2006-07-28, damage not reported, 1 direct death, 1 direct injury	Lightning, 1998-06-29, \$40,000 property; crops not reported (1998 dollars)	Event records naming jurisdictions in the plan: Montgomery town (3 records), Montgomery village (3 records), Monroe town (2 records), Monroe village (2 records), Blooming Grove town (1 record), Chester town (1 record), Chester village (1 record), Cornwall town (1 record), Middletown city (1 record), Newburgh city (1 record); and 6 more jurisdictions (see the Excel file).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	36 records, 1996 to 2025 (36 zone-level)	26 kt (30 mph) to 58 kt (67 mph) (median 50 kt (58 mph)); 29 with a recorded value	58 kt (67 mph) measured gust, High Wind, 2020-04-13; NWS zone NYZ067	Strong Wind, 2016-02-16, \$200,000 property; \$0 crops (zone total, 2016 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)	442 records, 1955 to 2026	43 kt (49 mph) to 106 kt (122 mph) (median 52 kt (60 mph)); 336 with a recorded value	106 kt (122 mph), measurement type not recorded, Thunderstorm Wind, 1990-06-29	Thunderstorm Wind, 2013-04-19, \$1,000,000 property; crops not reported (2013 dollars)	Event records naming jurisdictions in the plan: Goshen town (30 records), Goshen village (30 records), Newburgh city (27 records), Newburgh town (27 records), Warwick town (26 records), Warwick village (26 records), Montgomery town (16 records), Montgomery village (16 records), Middletown city (15 records), Chester town (13 records); and 21 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	13 records, 1969 to 2020	F/EF0 to F/EF3 (median between F/ EF0 and F/EF1); 12 with a recorded value	F3 tornado, 1988-07-14, 7.2 mi path length (whole path, pre-1996), 80 yd wide, \$2,500,000 property; crops not recorded (1988 dollars), 1 direct injury	Tornado, 1989-11-16, \$25,000,000 property; crops not recorded (1989 dollars)	Event records naming jurisdictions in the plan: Middletown city (1 record), Montgomery town (1 record), Montgomery village (1 record), Unionville 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).
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	132 records, 1996 to 2026 (132 zone- level)		No damage reported in 132 records.		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: 36 declarations covering 25 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
2024-11-15	2024-11-08	FM-5547-NY	Fire management	Jennings Creek Fire	Wildfire	no Public Assistance recorded	in the 12 months before plan approval; within last 5 years	
2023-07-22	2023-07-09	DR-4723-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$18,567,867.39	within last 5 years	
2021-09-05	2021-09-01	DR-4615-NY	Major disaster	Remnants of Hurricane Ida	Hurricane	\$13,692,397.14		
2021-09-02	2021-09-01	EM-3572-NY	Emergency	Remnants of Hurricane Ida	Hurricane	no Public Assistance recorded		same incident as DR-4615
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	\$34,343,482.60		
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
2012-10-30	2012-10-27	DR-4085-NY	Major disaster	Hurricane Sandy	Hurricane	\$3,858,980.21		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		same incident as DR-4085
2011-09-13	2011-09-07	DR-4031-NY	Major disaster	Remnants of Tropical Storm Lee	Hurricane	\$8,190,160.09		
2011-08-31	2011-08-26	DR-4020-NY	Major disaster	Hurricane Irene	Hurricane	\$25,539,237.91		
2011-08-26	2011-08-25	EM-3328-NY	Emergency	Hurricane Irene	Hurricane	no Public Assistance recorded		same incident as DR-4020
2010-04-16	2010-03-13	DR-1899-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,383,034.62		
2008-12-18	2008-12-11	EM-3299-NY	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded		
2007-04-24	2007-04-14	DR-1692-NY	Major disaster	Severe Storms and Inland and Coastal Flooding	Coastal Flooding	\$2,618,440.34		
2006-07-01	2006-06-26	DR-1650-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$26,560.40		FEMA's declaration record does not list Public Assistance, but FEMA's PA project summaries show obligations for this county

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		
2005-04-19	2005-04-02	DR-1589-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$2,610,041.48		
2004-10-01	2004-09-16	DR-1565-NY	Major disaster	Tropical Depression Ivan	Hurricane	\$438,583.45		
2004-10-01	2004-08-13	DR-1564-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$418,503.70		
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	\$25,047.81		
2003-03-27	2003-02-17	EM-3184-NY	Emergency	Snow	Winter Weather	\$1,228,391.78		
2003-02-25	2002-12-25	EM-3173-NY	Emergency	Snowstorms	Winter Weather	\$1,029,279.14		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	Fires and Explosions	Non-natural, not counted	\$100,422.04		
2000-10-11	2000-05-22	EM-3155-NY	Emergency	West Nile Virus	Non-natural, not counted	no Public Assistance recorded		
1999-09-19	1999-09-16	DR-1296-NY	Major disaster	Hurricane Floyd Major Disaster Declarations	Hurricane	\$2,126,619.81		
1999-09-18	1999-09-16	EM-3149-NY	Emergency	Hurricane Floyd Emergency Declarations	Hurricane	no Public Assistance recorded		same incident as DR-1296
1999-08-09	1999-08-06	FM-2269-NY	Fire management	West Point Fire Complex	Wildfire	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		
1996-01-12	1996-01-06	DR-1083-NY	Major disaster	Blizzard of 96 (Severe Snow Storm)	Winter Weather	no Public Assistance recorded		
1993-03-17	1993-03-13	EM-3107-NY	Emergency	Severe Blizzard	Winter Weather	no Public Assistance recorded		
1984-04-17	1984-03-28	DR-702-NY	Major disaster	Coastal Storms & Flooding	Coastal Flooding	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		
1971-09-13	1971-09-13	DR-311-NY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1965-08-18	1965-08-18	DR-204-NY	Major disaster	Water Shortage	Drought	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: 1 row, \$2,093.33

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-1335-NY	2000-07-21	Severe Storms and Flooding	Walker Valley Chemical Engine Company #1	\$2,093.33

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 <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
Coastal Flooding	1	0	0	0	2	0	1996 to 2026-06-30	
Cold Wave	5	0	0	0	0	0	1996 to 2026-06-30	
Drought	10	0	0	0	1	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	87	0	0	3	0	0	1955 to 2026-06-30	
Heat Wave	15	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	2	0	0	0	8	0	1996 to 2026-06-30	

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
Ice Storm	9	0	1	1	0	0	1996 to 2026-06-30	
Inland Flooding	152	0	3	43	8	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	32	0	0	2	0	0	1996 to 2026-06-30	
Strong Wind	478	4	7	78	0	0	1955 to 2026-06-30	Includes 26 High Wind and 10 Strong Wind records.
Tornado	13	0	0	0	0	0	1950 to 2026-06-30	
Wildfire	0	0	0	0	2	0	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
Winter Weather	132	7	5	25	5	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	Why listed
2020-04-13	High Wind	58 kt (67 mph) measured gust	\$100,000 property; \$0 crops (zone total, 2020 dollars)	0, 0	NWS zone NYZ067 (ORANGE), zone-level	B1-c worst recorded: High Wind and Strong Wind
2018-05-15	Thunderstorm Wind	61 kt (70 mph) estimated gust	\$5,000 property; \$0 crops (2018 dollars)	1, 1	NEWBURGH	deaths or injuries recorded
2015-02-15	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2015 dollars)	0, 0	NWS zone NYZ067 (ORANGE), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2008-09-06	Tropical Storm		\$4,000 property; crops not reported (zone total, 2008 dollars)	0, 0	NWS zone NYZ067 (ORANGE), zone-level	B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2006-08-01	Heat		damage not reported	0, 0	NWS zone NYZ067 (ORANGE), zone-level	B1-c worst recorded: Excessive Heat, Heat
2006-07-28	Lightning		damage not reported	1, 1	MONTGOMERY	B1-c worst recorded: Lightning
2005-04-02	Flood		\$17,000,000 property; crops not reported (zone total, 2005 dollars)	0, 0	NWS zone NYZ067 (ORANGE), zone-level	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2002-04-01	Drought		damage not reported	0, 0	NWS zone NYZ067 (ORANGE), zone-level	B1-c worst recorded: Drought
1990-06-29	Thunderstorm Wind	106 kt (122 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded	B1-c worst recorded: Thunderstorm Wind
1990-06-29	Thunderstorm Wind	100 kt (115 mph), measurement type not recorded	damage not recorded (pre-1996 record)	3, 8	location not recorded	deaths or injuries recorded
1989-11-16	Tornado	F1, 9.1 mi path length (whole path, pre-1996), 100 yd wide	\$25,000,000 property; crops not recorded (1989 dollars)	9, 18	location not recorded	deaths or injuries recorded
1988-07-14	Tornado	F3, 7.2 mi path length (whole path, pre-1996), 80 yd wide	\$2,500,000 property; crops not recorded (1988 dollars)	0, 1	location not recorded	B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (936 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.
Coastal Flooding	3.69	events per year at a location (modeled)	about 3.7 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	1.32	event-days per year	about 1.32 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	25	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	1.25	event-days per year	about 1.25 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	63	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00165	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.165%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2.43	events per year	about 2.43 per year	Highly likely	FEMA annualized frequency (modeled)	92.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.74	event-days per year	about 5.74 days per year	Likely	Storm Events event-days in 9 of 30 years, 1996 to 2025 (30%)	92	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0732	events per year	about 1 in 14 years	Possible	FEMA annualized frequency (modeled)	26	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	0.827	event-days per year	about 0.827 days per year	Likely	Storm Events event-days in 8 of 30 years, 1996 to 2025 (26.7%)	56	1946-12-31 to 2014-02-12 (67 years)	countywide	

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
Inland Flooding	2.75	event-days per year	about 2.75 days per year	Likely	Storm Events event-days in 25 of 30 years, 1996 to 2025 (83.3%)	77	1996 to 2023 (28 years)	see B1-f	
Landslide	1	event per year (modeled)	about 1 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	30.1	days per year with a strike	about 30.1 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	4.61	events per year	about 4.61 per year	Highly likely	FEMA annualized frequency (modeled)	176	1986 to 2023 (38 years)	countywide	
Tornado	0.264	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.000335	annual probability at a location	chance a given location in the county burns in a year: 0.0335%		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	14.6	event-days per year	about 14.6 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	278	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	40	30	1.33
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	307	30	10.2
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	12	30	0.4
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	7	30	0.233
Tornado	EF0-1	1996 to 2025	6	30	0.2
Tornado	EF2-3	1996 to 2025	0	30	0
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	11 of 92	34.0	37.0	42.2	Very Low 11, Not Applicable 81
Coastal Flooding	11 of 92	70.6	81.6	88.9	Relatively Low 7, Very Low 4, No Rating 81
Cold Wave	92 of 92	37.9	59.8	83.9	Relatively High 2, Relatively Moderate 82, Relatively Low 8
Drought	33 of 92	68.1	77.8	98.1	Relatively High 1, Relatively Moderate 3, Relatively Low 12, Very Low 17, No Rating 59
Earthquake	92 of 92	26.1	52.2	77.1	Relatively Low 76, Very Low 16
Hail	92 of 92	14.0	25.1	63.2	Relatively Low 4, Very Low 88
Heat Wave	92 of 92	14.8	38.2	72.0	Relatively Moderate 7, Relatively Low 83, Very Low 2
Hurricane	92 of 92	58.3	76.5	88.8	Relatively Moderate 27, Relatively Low 65
Ice Storm	92 of 92	14.5	39.7	71.5	Relatively Moderate 1, Relatively Low 63, Very Low 28
Inland Flooding	92 of 92	4.9	47.2	96.8	Very High 1, Relatively High 9, Relatively Moderate 32, Relatively Low 42, Very Low 8
Landslide	92 of 92	21.5	74.9	99.1	Relatively Moderate 5, Relatively Low 30, Very Low 57
Lightning	92 of 92	22.7	49.5	82.2	Relatively High 2, Relatively Moderate 45, Relatively Low 45
Strong Wind	92 of 92	43.0	68.6	91.1	Relatively High 9, Relatively Moderate 75, Relatively Low 8
Tornado	92 of 92	31.8	44.6	61.8	Relatively Moderate 7, Relatively Low 85
Wildfire	78 of 92	20.1	48.4	80.6	Relatively Low 12, Very Low 66, No Rating 14
Winter Weather	92 of 92	51.5	72.1	90.2	Relatively High 17, Relatively Moderate 75

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.

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
Orange County	County	Approved, expires 2030-10-09		\$19,171,739.92	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$4,310,508.74 for declarations not counted as hazard incidents (DR-1391-NY, DR-4480-NY, EM-3186-NY).
Chester village	Village	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 0	\$49,110.52	19 total; 0 since its plan	
Cornwall-on-Hudson village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 2	\$2,463,399.68	0 total; no approved plan	Includes \$8,620.63 for declarations not counted as hazard incidents (DR-4480-NY).
Florida village	Village	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 1	\$270,894.95	6 total; 0 since its plan	Includes \$14,146.74 for declarations not counted as hazard incidents (DR-4480-NY).
Goshen village	Village	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 3	\$178,573.24	39 total; 0 since its plan	
Greenwood Lake village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 6	\$360,037.02	13 total; no approved plan	
Harriman village	Village	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 0	\$125,493.05	10 total; 0 since its plan	
Highland Falls village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$4,162,410.59	16 total; no approved plan	
Maybrook village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$284,465.33	9 total; no approved plan	Includes \$12,147.41 for declarations not counted as hazard incidents (DR-4480-NY).
Middletown city	City	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	\$3,098,895.80	23 total; no approved plan	Includes \$491,382.32 for declarations not counted as hazard incidents (DR-4480-NY).
Monroe village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 11	\$318,828.28	24 total; no approved plan	
Montgomery village	Village	Approved, expires 2030-10-09	FMA RL 0, SRL 1; any 1	\$91,810.71	31 total; 0 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>	
Newburgh city	City	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$944,999.98	40 total; no approved plan	Includes \$30,083.30 for declarations not counted as hazard incidents (DR-4480-NY).
Otisville village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$119,617.12	3 total; no approved plan	
Port Jervis city	City	Approved, expires 2030-10-09	FMA RL 0, SRL 1; any 12	\$2,246,403.86	20 total; 0 since its plan	
South Blooming Grove village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 4	\$1,147,738.65	0 total; no approved plan	
Tuxedo Park village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$11,912.19	8 total; no approved plan	
Unionville village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$289,110.55	5 total; no approved plan	
Walden village	Village	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 0	\$473,478.57	11 total; 0 since its plan	
Warwick village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 5	\$1,324,286.94	34 total; no approved plan	
Washingtonville village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 2, SRL 7; any 36	\$962,438.34	13 total; no approved plan	
Woodbury village	Village	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 5	\$998,071.66	9 total; no approved plan	
Blooming Grove town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 1, SRL 4; any 15	\$2,010,113	8 total; no approved plan	
Chester town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 4; any 7	\$524,979.43	19 total; 0 since its plan	
Cornwall town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 6	\$4,265,363.86	16 total; 0 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>	
Crawford town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$509,855.04	0 total; no approved plan	
Deerpark town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 2, SRL 6; any 23	\$2,018,700.22	0 total; no approved plan	
Goshen town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 5	\$939,392.31	39 total; 0 since its plan	
Greenville town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 0	\$165,018.59	5 total; 0 since its plan	
Hamptonburgh town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 2; any 5	\$174,387.65	0 total; 0 since its plan	
Highlands town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$2,666,878.25	0 total; no approved plan	
Minisink town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$4,012,604.15	0 total; no approved plan	
Monroe town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 4	\$695,645.51	24 total; no approved plan	Includes \$23,584.46 for declarations not counted as hazard incidents (DR-4480-NY).
Montgomery town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$1,400,328.56	31 total; no approved plan	Includes \$357,163.78 for declarations not counted as hazard incidents (DR-4480-NY).
Mount Hope town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$774,395.12	2 total; no approved plan	Includes \$5,654.42 for declarations not counted as hazard incidents (DR-4480-NY).
New Windsor town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 2; any 5	\$2,800,956.79	20 total; 0 since its plan	Also approved under plan 107668 (New Windsor 2021, expires 2026-10-11). 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.
Newburgh town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 6	\$1,309,206.94	40 total; 0 since its plan	
Tuxedo town	Town	Approved, expires 2030-10-09	FMA RL 2, SRL 3; any 7	\$764,245.52	0 total; 0 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>	
Walkill town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 4	\$1,031,573.75	0 total; no approved plan	Includes \$24,817.04 for declarations not counted as hazard incidents (DR-4480-NY).
Warwick town	Town	Plan 109982 approved 2025-10-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$5,625,502.12	34 total; no approved plan	Includes \$11,763.41 for declarations not counted as hazard incidents (DR-4480-NY).
Wawayanda town	Town	Approved, expires 2030-10-09	FMA RL 0, SRL 0; any 0	\$596,438.81	0 total; 0 since its plan	
Woodbury town	Town	Approved, expires 2030-10-09		\$3,874,735.24	9 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$26,514.21 for declarations not counted as hazard incidents (DR-4480-NY).

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 2025-10-10 <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	\$436,674	n/a	under 1	under \$1	n/a	\$618	under 0.0001%				
Coastal Flooding	\$3,986,668,636	n/a	15,616	\$72,163	n/a	\$515	0.00181%				
Cold Wave	\$80,503,513,504	\$113,200,131	401,096	\$727	\$14,751	\$7,477,851	under 0.0001%				
Drought	n/a	\$49,680,673	n/a	n/a	\$709,966	n/a	1.43% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$138,578,843,055	n/a	401,310	\$3,347,720	n/a	\$533,647	0.00242%				
Hail	\$80,503,513,504	\$113,200,131	401,096	\$33,075	\$48,172	\$87,063	under 0.0001%				
Heat Wave	\$80,503,513,504	\$113,200,131	401,096	under \$1	\$14,941	\$2,714,806	under 0.0001%				
Hurricane	\$80,492,509,479	\$113,200,131	401,007	\$9,059,663	\$338,216	\$357,611	0.0113%				
Ice Storm	\$80,490,184,675	n/a	401,006	\$211,122	n/a	\$145,080	0.000262%				
Inland Flooding	\$80,422,719,056	\$58,909,889	10,432	\$59,496,847	\$951,843	\$2,788,338	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$3,453,062,162	n/a	17,715	\$70,228	n/a	\$18,804	0.00203%				
Lightning	\$80,503,513,504	n/a	401,096	\$39,185	n/a	\$1,133,261	under 0.0001%				
Strong Wind	\$80,503,513,504	\$113,200,131	401,096	\$625,531	\$1,303	\$2,945,727	0.000777%	\$6,000			
Tornado	\$80,503,513,504	\$113,200,131	401,096	\$1,152,056	\$819	\$3,652,806	0.00143%				

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 2025-10-10 <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	\$2,932,276,465	\$11,067,937	29,874	\$43,073	\$24	\$13,169	0.00147%				
Winter Weather	\$80,503,513,504	\$113,200,131	401,096	\$106,382	\$50	\$532,429	0.000132%		\$0		

Totals since 2025-10-10 (Storm Events through 2026-06-30): 4 county-coded records, 4 with a damage value recorded (including \$0), \$6,000; 7 zone-level records, 7 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	401,096
Building value (total, not at risk)	\$80,503,513,504
Agriculture value (total, not at risk)	\$113,200,131
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$76,337,858
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)	\$22,401,725
Social vulnerability rating	Relatively Low
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)	7	Severe repetitive loss, FMA definition (44 CFR 77.2)	37
Repetitive loss, NFIP insurance definition	186	Severe repetitive loss, NFIP insurance definition	36

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 properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
County total	7	37	186	36	186	1	65
of which: South Blooming Grove village	0	1	4	1	4	0	2
of which: Blooming Grove town	1	4	15	4	15	0	8
of which: Cornwall on the Hudson village	0	1	2	1	2	0	2
of which: Cornwall town	0	0	6	0	6	0	4
of which: Deer Park town	2	6	23	6	23	0	8
of which: Florida village	0	0	1	0	1	0	0
of which: Goshen town	0	0	5	0	5	0	3
of which: Greenwood Lake village	0	1	6	1	6	0	0
of which: Hamptonburgh town	0	2	5	2	5	0	2
of which: Middletown city	0	0	6	0	6	0	3
of which: Monroe town	0	1	4	1	4	0	1
of which: Monroe village	0	1	11	1	11	0	5
of which: Montgomery town	0	0	1	0	1	0	0
of which: Montgomery village	0	1	1	1	1	0	1
of which: Mount Hope town	0	0	1	0	1	0	0
of which: Newburgh city	0	0	2	0	2	0	1
of which: Newburgh town	0	0	6	0	6	1	3
of which: New Windsor town	0	2	5	2	5	0	3
of which: Tuxedo town	2	3	7	2	7	0	4
of which: Wallkill town	0	1	4	1	4	0	0
of which: Warwick town	0	0	2	0	2	0	0
of which: Warwick village	0	1	5	1	5	0	0

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>
of which: Washingtonville village	2	7	36	7	36	0	5
of which: Woodbury village	0	0	5	0	5	0	1
of which: Chester town	0	4	7	4	7	0	3
of which: Port Jervis city	0	1	12	1	12	0	5
of which: Goshen village	0	0	3	0	3	0	1
of which: Unknown (community ID Unknown in FEMA data)	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>
Chester village	361541	0	0	0	0	0	0	0
Cornwall-on-Hudson village	360610	0	1	2	1	2	0	2
Florida village	360613	0	0	1	0	1	0	0
Goshen village	361571	0	0	3	0	3	0	1
Greenwood Lake village	360616	0	1	6	1	6	0	0
Harriman village	360618	0	0	0	0	0	0	0
Highland Falls village	361453	0	0	0	0	0	0	0
Maybrook village	360241	0	0	0	0	0	0	0
Middletown city	360619	0	0	6	0	6	0	3
Monroe village	360622	0	1	11	1	11	0	5
Montgomery village	360624	0	1	1	1	1	0	1
Newburgh city	360626	0	0	2	0	2	0	1
Otisville village	360358	0	0	0	0	0	0	0
Port Jervis city	360976	0	1	12	1	12	0	5
South Blooming Grove village	360194	0	1	4	1	4	0	2
Tuxedo Park village	361595	0	0	0	0	0	0	0
Unionville village	360633	0	0	0	0	0	0	0
Walden village	360635	0	0	0	0	0	0	0
Warwick village	360637	0	1	5	1	5	0	0
Washingtonville village	360638	2	7	36	7	36	0	5
Woodbury village	360640	0	0	5	0	5	0	1
Blooming Grove town	360608	1	4	15	4	15	0	8
Chester town	360870	0	4	7	4	7	0	3

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>
Cornwall town	360611	0	0	6	0	6	0	4
Crawford town	361250	0	0	0	0	0	0	0
Deerpark town	360612	2	6	23	6	23	0	8
Goshen town	360614	0	0	5	0	5	0	3
Greenville town	360615	0	0	0	0	0	0	0
Hamptonburgh town	360617	0	2	5	2	5	0	2
Highlands town	361251	0	0	0	0	0	0	0
Minisink town	360620	0	0	0	0	0	0	0
Monroe town	360621	0	1	4	1	4	0	1
Montgomery town	360623	0	0	1	0	1	0	0
Mount Hope town	360625	0	0	1	0	1	0	0
New Windsor town	360628	0	2	5	2	5	0	3
Newburgh town	360627	0	0	6	0	6	1	3
Tuxedo town	360631	2	3	7	2	7	0	4
Wallkill town	360634	0	1	4	1	4	0	0
Warwick town	360636	0	0	2	0	2	0	0
Wawayanda town	360639	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	6	30	153	29	153	1	54
2 to 4 unit residential	1	3	12	3	12	0	3
other residential	0	0	4	0	4	0	2
non-residential	0	4	17	4	17	0	6
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 179 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

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).

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Cite this: Hazard Plain (2026). Orange County, NY: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 36071). Automated baseline. <https://hazardplain.org/ny/36071/> 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