

Nassau County, NY

Risk-assessment baseline packet

County FIPS: 36059 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: Expired on 2026-01-12. Plan: Nassau County 2021 (FEMA plan 107032), approved 2021-01-13.

Update: FEMA tracker shows a plan in progress.

Since the plan was approved on 2021-01-13: 4 new hazard declarations (3 incidents) and 119 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 (\$183,887,235 a year), Earthquake (\$28,012,937) and Hurricane (\$27,092,749).

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; 36059 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.

CONTENTS

1. Summary and terms used, page 1
2. Plan clock, page 2
3. What changed since your last plan (approved 2021-01-13), page 2
4. B1-a: hazard identification, page 8
5. B1-b: hazard location, page 9
6. B1-c: hazard extent, page 10
7. B1-d: previous occurrences, page 12
8. B1-e: probability of future events, page 17
9. B1-f: hazards that vary across jurisdictions, page 20
10. B2-a and B2-b: vulnerability and potential impacts, page 25
11. B2-a: vulnerability (county context), page 26
12. B2-c: repetitive loss properties, page 27
13. Sources, what the plan adds, disclaimer and citation, page 31

Plan clock

Status:	Expired on 2026-01-12	Plan:	Nassau County 2021 (FEMA plan 107032)
Approved:	2021-01-13	Days since expiry:	261
Update underway:	FEMA tracker shows a plan in progress		

Until a new plan is approved, FEMA mitigation project grants (HMGP, FMA) need a FEMA exception (44 CFR 201.6(a)(3)).

What changed since your last plan (approved 2021-01-13)

New federal declarations:	4 new hazard declarations (3 incidents): EM-3565-NY (Hurricane Henri), EM-3572-NY (Remnants of Hurricane Ida), DR-4615-NY (Remnants of Hurricane Ida), DR-4755-NY (Severe Storm and Flooding)	Storm Events records since approval:	119 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 388, SRL 822 (44 CFR 77.2); any definition: 6,631	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: 70 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
Nassau County	County	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-27
Atlantic Beach village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-29
Baxter Estates village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-04
Bayville village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-28
Bellerose village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Brookville village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-20
Cedarhurst village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-05-10
Centre Island village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-04
Cove Neck village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-31
East Hills village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
East Rockaway village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-19
East Williston village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-04
Farmingdale village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Floral Park village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-03

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Flower Hill village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-12
Freeport village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2024-09-05
Garden City village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2024-08-02
Glen Cove city	City	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-05-20
Great Neck Estates village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-12
Great Neck Plaza village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-22
Great Neck village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Hempstead village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-11
Hewlett Bay Park village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Hewlett Harbor village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Hewlett Neck village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Island Park village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-04-01
Kensington village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Kings Point village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Lake Success village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-05
Lattingtown village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-04
Laurel Hollow village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-26

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Lawrence village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-04
Long Beach city	City	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-03
Lynbrook village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-11
Malverne village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-11
Manorhaven village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-03
Massapequa Park village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-04-26
Matinecock village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-03
Mill Neck village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-17
Mineola village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-20
Munsey Park village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-05-13
Muttontown village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-21
New Hyde Park village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
North Hills village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-03
Old Brookville village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Old Westbury village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Oyster Bay Cove village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-25

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Plandome Heights village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-04
Plandome Manor village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-28
Plandome village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Port Washington North village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Rockville Centre village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-29
Roslyn Estates village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Roslyn Harbor village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-24
Roslyn village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Russell Gardens village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-22
Saddle Rock village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Sands Point village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-05
Sea Cliff village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	
South Floral Park village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-23
Stewart Manor village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-20
Thomaston village	Village	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Upper Brookville village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-28
Valley Stream village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-02-11

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Westbury village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-05-20
Williston Park village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-28
Woodsburgh village	Village	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-22
Hempstead town	Town	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-01-28
North Hempstead town	Town	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-03
Oyster Bay town	Town	Expired on 2026-01-12	Nassau County 2021 (FEMA plan 107032)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in progress	this jurisdiction approved 2021-03-24

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	\$175,707,126	\$152	\$8,179,956	\$183,887,235	190	
2	Earthquake	Relatively Moderate	Relatively High	\$20,812,129	n/a	\$7,200,808	\$28,012,937		Storm Events does not record earthquakes.
3	Hurricane	Relatively High	Relatively High	\$26,268,897	\$7,439	\$816,414	\$27,092,749	3	
4	Coastal Flooding	Very High	Very High	\$23,488,147	n/a	\$792,909	\$24,281,057	56	
5	Cold Wave	Relatively High	Relatively High	\$393	\$17	\$9,879,903	\$9,880,313	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$12	\$149	\$8,284,881	\$8,285,041	5	
7	Strong Wind	Relatively High	Relatively High	\$1,016,448	\$20	\$3,450,330	\$4,466,799	275	Includes 33 High Wind and 29 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
8	Ice Storm	Very High	Very High	\$3,543,050	n/a	\$351,494	\$3,894,544	1	
9	Tornado	Relatively Moderate	Relatively Moderate	\$2,410,051	\$11	\$1,282,116	\$3,692,178	4	
10	Lightning	Very High	Very High	\$201,000	n/a	\$2,770,938	\$2,971,938	23	
11	Winter Weather	Very High	Very High	\$184,832	under \$1	\$1,830,574	\$2,015,406	58	
12	Hail	Very Low	Very Low	\$32,000	\$255	\$63,590	\$95,846	72	

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
13	Wildfire	Very Low	Very Low	\$33,378	under \$1	\$2,771	\$36,149	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Relatively Low	Relatively Low	\$11,399	n/a	\$37	\$11,436	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	Very Low	Very Low	n/a	\$2,412	n/a	\$2,412	0	Declared 1 time; no Storm Events record of this type.
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	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 wildfire, landslide and tsunami 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: avalanche 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>
Earthquake	tract 4073.01 (Relatively High, 89.4); tract 4048 (Relatively Moderate, 84.4); tract 3028 (Relatively Moderate, 83.8)
Hurricane	tract 4073.01 (Relatively Moderate, 89.3); tract 5200.01 (Relatively Moderate, 85.8); tract 5183 (Relatively Moderate, 83.8)
Landslide	tract 5182.01 (Relatively Low, 95.1); tract 5178.01 (Relatively Low, 94.2); tract 5177.01 (Relatively Low, 90.9)
Tornado	tract 4073.01 (Relatively Low, 48.4); tract 3010 (Relatively Low, 35.7); tract 4064 (Relatively Low, 35.5)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 5178.01 (Relatively Low, 77.4); tract 9821 (Relatively Low, 76.7); tract 3018 (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 4073.01 is Census Tract 4073.01). 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
Coastal Flood, Storm Surge/Tide	none in data (flood depth: FIRM)	56 records, 1997 to 2024 (54 zone-level)		No damage reported in 56 records.		Event records naming jurisdictions in the plan: Freeport village (1 record). Zone-level records (54) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	0					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)	81 records, 1979 to 2023	0.75 in to 3 in (median 1 in); 81 with a recorded value	3 in hail, 2011-08-01		Event records naming jurisdictions in the plan: New Hyde Park village (4 records), Baxter Estates village (3 records), Farmingdale village (3 records), Glen Cove city (3 records), Mineola village (3 records), East Williston village (2 records), Great Neck village (2 records), Hempstead town (2 records), Hempstead village (2 records), Bayville village (1 record); and 10 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	5 records, 2011 to 2016 (5 zone-level)	1 day to 2 days (median 1.5 days); 4 with a recorded value	2 consecutive days, 2016-08-12 to 2016-08-13, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	3 records, 2011 to 2021 (3 zone-level)		Strongest recorded: Tropical Storm record, 2020-08-04, \$0 property; \$0 crops (2020 dollars), 1 direct death (reported for the zone); NWS zone NYZ179		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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Ice Storm	Sperry-Piltz ice scale (local data)	1 record, 2011 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	190 records, 1996 to 2025		Flash Flood, 2005-10-14, \$11,000,000 property; crops not reported (2005 dollars)		Event records naming jurisdictions in the plan: Glen Cove city (8 records), Valley Stream village (6 records), Bayville village (4 records), East Williston village (4 records), Lawrence village (4 records), Mineola village (4 records), Rockville Centre village (4 records), New Hyde Park village (3 records), Brookville village (2 records), East Rockaway village (2 records); and 23 more jurisdictions (see the Excel file).	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)	23 records, 1998 to 2025		Lightning, 2000-03-11, damage not reported, 1 direct death, 1 direct injury	Lightning, 2002-06-26, \$500,000 property; crops not reported (2002 dollars)	Event records naming jurisdictions in the plan: East Rockaway village (1 record), East Williston village (1 record), Freeport village (1 record), Great Neck village (1 record), Hempstead town (1 record), Hempstead village (1 record), Lawrence village (1 record), Long Beach city (1 record), Oyster Bay Cove village (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)	62 records, 1997 to 2026 (61 zone-level)	27 kt (31 mph) to 71 kt (82 mph) (median 50 kt (58 mph)); 61 with a recorded value	71 kt (82 mph) estimated gust, High Wind, 2012-10-29, 1 direct death (reported for the zone); NWS zone NYZ177		No event record names a jurisdiction in the plan. Zone-level records (61) apply countywide.	
Thunderstorm Wind	wind speed (kt and mph)	250 records, 1962 to 2026	43 kt (49 mph) to 87 kt (100 mph) (median 52 kt (60 mph)); 221 with a recorded value	87 kt (100 mph) estimated gust, Thunderstorm Wind, 2010-06-24	Thunderstorm Wind, 1998-09-07, \$2,500,000 property; crops not reported (1998 dollars)	Event records naming jurisdictions in the plan: Glen Cove city (12 records), Roslyn village (9 records), Oyster Bay town (6 records), Baxter Estates village (4 records), Island Park village (4 records), Roslyn Estates village (4 records), Bayville village (3 records), East Rockaway village (3 records), East Williston village (3 records), Garden City village (3 records); and 27 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	9 records, 1970 to 2021	F/EF0 to F/EF2 (median F/EF1); 8 with a recorded value	F2 tornado, 1998-09-07, 0.2 mi within this county, 200 yd wide, \$1,000,000 property; crops not reported (1998 dollars), 6 direct injuries		Event records naming jurisdictions in the plan: Glen Cove city (1 record), Lynbrook village (1 record), Massapequa Park 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
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	58 records, 1996 to 2026 (56 zone-level)		No damage reported in 58 records.		No event record names a jurisdiction in the plan. Zone-level records (56) apply countywide.	

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 debris flow, lightning and tsunami.

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: 31 declarations covering 20 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
2024-01-30	2023-09-28	DR-4755-NY	Major disaster	Severe Storm and Flooding	Inland Flooding	\$2,841,607.24	new since last plan; within last 5 years	
2021-09-05	2021-09-01	DR-4615-NY	Major disaster	Remnants of Hurricane Ida	Hurricane	\$30,785,275.44	new since last plan	
2021-09-02	2021-09-01	EM-3572-NY	Emergency	Remnants of Hurricane Ida	Hurricane	no Public Assistance recorded	new since last plan	same incident as DR-4615
2021-08-22	2021-08-21	EM-3565-NY	Emergency	Hurricane Henri	Hurricane	no Public Assistance recorded	new since last plan	
2020-10-02	2020-08-04	DR-4567-NY	Major disaster	Tropical Storm Isaias	Hurricane	\$677,739,588.36	in the 12 months before plan approval	
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$955,931,980.07	in the 12 months before plan approval	
2020-03-13	2020-01-20	EM-3434-NY	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	in the 12 months before plan approval	same incident as DR-4480

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2012-10-30	2012-10-27	DR-4085-NY	Major disaster	Hurricane Sandy	Hurricane	\$3,014,336,701.42		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		same incident as DR-4085
2011-08-31	2011-08-26	DR-4020-NY	Major disaster	Hurricane Irene	Hurricane	\$141,638,935.37		
2011-08-26	2011-08-25	EM-3328-NY	Emergency	Hurricane Irene	Hurricane	\$63,990.04		same incident as DR-4020
2011-02-18	2010-12-26	DR-1957-NY	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$11,978,366.56		
2010-04-16	2010-03-13	DR-1899-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$56,971,833.54		
2009-12-31	2009-11-12	DR-1869-NY	Major disaster	Severe Storms and Flooding Assoc W Td Ida & Nor'easter	Inland Flooding	\$3,776,064.60		
2005-09-30	2005-08-29	EM-3262-NY	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	\$18,540.78		
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	\$560,103.35		
2003-03-27	2003-02-17	EM-3184-NY	Emergency	Snow	Winter Weather	\$3,895,252.37		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	Fires and Explosions	Non-natural, not counted	\$8,353,724.34		
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	\$4,231,551.07		
1998-09-11	1998-09-07	DR-1244-NY	Major disaster	Ny - Severe Wx, Sept 7, 1998	Hazard not mapped (severe storm title names no single hazard); not counted	no Public Assistance recorded		
1996-11-19	1996-10-19	DR-1146-NY	Major disaster	Severe Storms, Flooding, Heavy Rains, High Winds	Inland Flooding; Strong Wind	PA not declared for this county		
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		
1992-12-21	1992-12-10	DR-974-NY	Major disaster	Coastal Storm, High Tides, Heavy Rain, & Flooding	Coastal Flooding	no Public Assistance recorded		
1985-10-18	1985-09-27	DR-750-NY	Major disaster	Hurricane Gloria	Hurricane	no Public Assistance recorded		
1984-04-17	1984-03-28	DR-702-NY	Major disaster	Coastal Storms & Flooding	Coastal Flooding	no Public Assistance recorded		
1976-09-03	1976-09-03	DR-520-NY	Major disaster	Hurricane Belle	Hurricane	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
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: 6 rows, \$19,585,761.82

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4839-NY	2024-10-21	Severe Storm and Flooding	Long Island Power Authority	\$688,305.85
DR-4694-NY	2023-03-15	Severe Winter Storm and Snowstorm	Long Island Power Authority	\$2,943,038.98
DR-4322-NY	2017-07-12	Severe Winter Storm and Snowstorm	Long Island Power Authority	\$3,561,415.60
DR-4111-NY	2013-04-23	Severe Winter Storm and Snowstorm	Long Island Power Authority	\$10,804,689.19
DR-1692-NY	2007-04-24	Severe Storms and Inland and Coastal Flooding	Roosevelt Fire District	\$15,384.01
DR-1692-NY	2007-04-24	Severe Storms and Inland and Coastal Flooding	Long Island Power Authority	\$1,572,928.19

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
Coastal Flooding	56	3	4	3	2	0	1996 to 2026-06-30	
Cold Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	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)
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	81	5	1	5	0	0	1955 to 2026-06-30	
Heat Wave	5	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	3	1	1	0	8	2	1996 to 2026-06-30	
Ice Storm	1	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	190	42	17	31	5	1	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	23	2	0	2	0	0	1996 to 2026-06-30	
Strong Wind	312	46	20	35	1	0	1955 to 2026-06-30	Includes 33 High Wind and 29 Strong Wind records.
Tornado	9	1	0	1	0	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
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	58	19	1	16	4	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2020-08-04	Tropical Storm		\$0 property; \$0 crops (zone total, 2020 dollars)	1, 0	NWS zone NYZ179 (SOUTHERN NASSAU), zone-level	in the 12 months before plan approval	deaths or injuries recorded
2016-08-12	Excessive Heat		\$0 property; \$0 crops (zone total, 2016 dollars)	0, 0	NWS zone NYZ177 (NORTHERN NASSAU), zone-level		B1-c worst recorded: Excessive Heat, Heat
2013-08-20	Heat		\$0 property; \$0 crops (zone total, 2013 dollars)	1, 0	NWS zone NYZ179 (SOUTHERN NASSAU), zone-level		deaths or injuries recorded
2012-10-29	High Wind	71 kt (82 mph) estimated gust	\$1,000,000 property; \$0 crops (zone total, 2012 dollars)	1, 0	NWS zone NYZ177 (NORTHERN NASSAU), zone-level		B1-c worst recorded: High Wind and Strong Wind
2011-08-01	Hail	3 in	\$100,000 property; crops not reported (2011 dollars)	0, 0	EAST WILLISTON		B1-c worst recorded: Hail
2010-06-24	Thunderstorm Wind	87 kt (100 mph) estimated gust	\$200,000 property; crops not reported (2010 dollars)	0, 0	KENSINGTON		B1-c worst recorded: Thunderstorm Wind
2005-10-14	Flash Flood		\$11,000,000 property; crops not reported (2005 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2002-06-26	Lightning		\$500,000 property; crops not reported (2002 dollars)	0, 14	BETHPAGE		B1-c most damaging: Lightning
2000-03-11	Lightning		damage not reported	1, 1	OYSTER BAY COVE		deaths or injuries recorded
1998-09-07	Tornado	F2, 0.2 mi within this county, 200 yd wide	\$1,000,000 property; crops not reported (1998 dollars)	0, 6	LYNBROOK		B1-c worst recorded: Tornado
1998-09-07	Thunderstorm Wind	65 kt (75 mph), measurement type not recorded	\$2,500,000 property; crops not reported (1998 dollars)	0, 0	COUNTYWIDE		B1-c most damaging: Thunderstorm Wind
1997-01-16	Strong Wind	speed not recorded	damage not reported	1, 0	EAST MEADOW		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (738 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
Coastal Flooding	3.83	events per year at a location (modeled)	about 3.8 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	0.515	event-days per year	about 0.515 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	6.41	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	0.812	event-days per year	about 0.812 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	21	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.00189	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.189%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.67	events per year	about 1.67 per year	Highly likely	FEMA annualized frequency (modeled)	72.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.82	event-days per year	about 5.82 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	62.8	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.172	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	56	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	0.719	event-days per year	about 0.719 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	38	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.29	event-days per year	about 3.29 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	92	1996 to 2023 (28 years)	see B1-f	
Landslide	0.0796	events per year (modeled)	about 1 in 13 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	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
Lightning	27.3	days per year with a strike	about 27.3 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	4.87	events per year	about 4.87 per year	Highly likely	FEMA annualized frequency (modeled)	142	1986 to 2023 (38 years)	countywide	
Tornado	0.127	events per year	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)			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
Wildfire	0.000123	annual probability at a location	chance a given location in the county burns in a year: 0.0123%		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	9.75	event-days per year	about 9.75 days per year	Likely	Storm Events event- days in 17 of 30 years, 1996 to 2025 (56.7%)	122	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	30	30	1
Hail	2.00 in+	1996 to 2025	3	30	0.1
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	204	30	6.8
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	3	30	0.1
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	2	30	0.0667
Tornado	EF0-1	1996 to 2025	3	30	0.1
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	
Coastal Flooding	102 of 281	69.7	93.1	99.9	Very High 7, Relatively High 31, Relatively Moderate 24, Relatively Low 16, Very Low 24, No Rating 179
Cold Wave	281 of 281	19.1	38.4	59.1	Relatively Moderate 37, Relatively Low 243, Very Low 1
Drought	4 of 281	70.8	75.0	79.1	Relatively Low 1, Very Low 3, No Rating 277
Earthquake	281 of 281	37.2	68.6	89.4	Relatively High 1, Relatively Moderate 31, Relatively Low 245, Very Low 4
Hail	281 of 281	1.6	8.1	22.1	Very Low 281
Heat Wave	281 of 281	3.6	37.2	64.9	Relatively Moderate 12, Relatively Low 245, Very Low 24
Hurricane	281 of 281	55.4	74.4	89.3	Relatively Moderate 58, Relatively Low 223
Ice Storm	281 of 281	35.2	71.5	95.5	Relatively High 2, Relatively Moderate 165, Relatively Low 114
Inland Flooding	281 of 281	1.0	41.8	96.4	Very High 1, Relatively High 18, Relatively Moderate 94, Relatively Low 134, Very Low 34
Landslide	273 of 281	10.4	35.7	95.1	Relatively Low 11, Very Low 262, No Rating 8
Lightning	281 of 281	7.3	43.7	69.1	Relatively Moderate 85, Relatively Low 186, Very Low 10
Strong Wind	281 of 281	16.0	44.6	73.8	Relatively Moderate 54, Relatively Low 224, Very Low 3
Tornado	281 of 281	5.7	24.2	48.4	Relatively Low 44, Very Low 237
Tsunami	0 of 281				Insufficient Data 281
Wildfire	124 of 281	18.6	27.9	77.4	Relatively Low 7, Very Low 117, No Rating 157
Winter Weather	281 of 281	29.7	71.8	88.0	Relatively High 55, Relatively Moderate 217, Relatively Low 9

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
Nassau County	County	Expired on 2026-01-12		\$156,358,711.43	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$34,827,500.30 for declarations not counted as hazard incidents (DR-1391-NY, DR-4480-NY, EM-3186-NY, EM-3262-NY).
Atlantic Beach village	Village	Expired on 2026-01-12	FMA RL 1, SRL 7; any 72	\$1,349,161.87	2 total; 0 since its plan	
Baxter Estates village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	7 total; 0 since its plan	
Bayville village	Village	Expired on 2026-01-12	FMA RL 2, SRL 17; any 160	\$270,072.18	8 total; 1 since its plan	
Bellerose village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$138,198.25	3 total; no approved plan	Includes \$3,880.42 for declarations not counted as hazard incidents (DR-4480-NY).
Brookville village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$242,906.89	4 total; 1 since its plan	Includes \$10,106.40 for declarations not counted as hazard incidents (DR-4480-NY).
Cedarhurst village	Village	Expired on 2026-01-12	FMA RL 1, SRL 2; any 24	\$670,261.38	3 total; 1 since its plan	Includes \$40,252.90 for declarations not counted as hazard incidents (DR-4480-NY).
Centre Island village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 5	no Public Assistance recorded	0 total; 0 since its plan	
Cove Neck village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
East Hills village	Village	No approved plan on record	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	2 total; no approved plan	
East Rockaway village	Village	Expired on 2026-01-12	FMA RL 8, SRL 15; any 199	\$1,856,121.42	6 total; 1 since its plan	
East Williston village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; 2 since its plan	
Farmingdale village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$305,668.73	7 total; no approved plan	Includes \$38,365.91 for declarations not counted as hazard incidents (DR-4480-NY).
Floral Park village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$1,556,915.56	2 total; 1 since its plan	Includes \$15,541.25 for declarations not counted as hazard incidents (DR-4480-NY).
Flower Hill village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$367,906.47	2 total; 1 since its plan	Includes \$6,387.25 for declarations not counted as hazard incidents (DR-4480-NY).
Freeport village	Village	Expired on 2026-01-12	FMA RL 50, SRL 197; any 1,221	\$11,439,164.91	4 total; 0 since its plan	Includes \$1,947,279.25 for declarations not counted as hazard incidents (DR-4480-NY).

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>	
Garden City village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$9,319,064.34	4 total; 0 since its plan	Includes \$162,083.27 for declarations not counted as hazard incidents (DR-4480-NY).
Glen Cove city	City	Expired on 2026-01-12	FMA RL 1, SRL 7; any 24	\$2,572,976.30	24 total; 4 since its plan	Includes \$168,047.54 for declarations not counted as hazard incidents (DR-4480-NY).
Great Neck Estates village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 4	\$459,241.61	0 total; 0 since its plan	Includes \$103,106.22 for declarations not counted as hazard incidents (DR-4480-NY).
Great Neck Plaza village	Village	Expired on 2026-01-12	FMA RL 0, SRL 1; any 1	\$137,907.58	0 total; 0 since its plan	
Great Neck village	Village	No approved plan on record	FMA RL 0, SRL 4; any 13	\$620,930.79	6 total; no approved plan	
Hempstead village	Village	Expired on 2026-01-12	FMA RL 0, SRL 1; any 1	no Public Assistance recorded	5 total; 0 since its plan	
Hewlett Bay Park village	Village	No approved plan on record	FMA RL 0, SRL 0; any 3	\$43,449.77	0 total; no approved plan	
Hewlett Harbor village	Village	No approved plan on record	FMA RL 0, SRL 3; any 24	\$101,602.02	0 total; no approved plan	
Hewlett Neck village	Village	No approved plan on record	FMA RL 0, SRL 0; any 3	\$90,770.94	0 total; no approved plan	
Island Park village	Village	Expired on 2026-01-12	FMA RL 32, SRL 70; any 352	\$4,737,541.07	7 total; 1 since its plan	
Kensington village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$199,252.30	3 total; no approved plan	
Kings Point village	Village	No approved plan on record	FMA RL 0, SRL 1; any 11	\$584,265.47	0 total; no approved plan	Includes \$12,925.01 for declarations not counted as hazard incidents (DR-4480-NY).
Lake Success village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 1	\$639,005.89	0 total; 0 since its plan	
Lattingtown village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	1 total; 0 since its plan	
Laurel Hollow village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$285,846.17	1 total; 0 since its plan	Includes \$3,368.27 for declarations not counted as hazard incidents (DR-4480-NY).
Lawrence village	Village	Expired on 2026-01-12	FMA RL 2, SRL 4; any 38	\$3,317,278.62	6 total; 2 since its plan	
Long Beach city	City	Expired on 2026-01-12	FMA RL 31, SRL 80; any 897	\$234,821,766.54	6 total; 0 since its plan	Includes \$815,262.36 for declarations not counted as hazard incidents (DR-4480-NY).
Lynbrook village	Village	Expired on 2026-01-12	FMA RL 1, SRL 1; any 3	\$1,116,328.71	3 total; 1 since its plan	Includes \$238,132.55 for declarations not counted as hazard incidents (DR-4480-NY).
Malverne village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 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
Manorhaven village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 6	no Public Assistance recorded	1 total; 0 since its plan	
Massapequa Park village	Village	Expired on 2026-01-12	FMA RL 3, SRL 5; any 42	no Public Assistance recorded	1 total; 0 since its plan	
Matinecock village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; 1 since its plan	
Mill Neck village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	1 total; 0 since its plan	
Mineola village	Village	Expired on 2026-01-12	FMA RL 0, SRL 1; any 4	\$1,369,027.07	9 total; 0 since its plan	
Munsey Park village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 2	\$352,320.18	3 total; 2 since its plan	
Muttontown village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$480,534.73	4 total; 2 since its plan	
New Hyde Park village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$933,479.07	8 total; no approved plan	Includes \$18,980.83 for declarations not counted as hazard incidents (DR-4480-NY).
North Hills village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Old Brookville village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$4,791.17	0 total; no approved plan	
Old Westbury village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$2,542,179.58	0 total; no approved plan	Includes \$40,868.04 for declarations not counted as hazard incidents (DR-4480-NY).
Oyster Bay Cove village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	4 total; 0 since its plan	
Plandome Heights village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 1	\$57,332.57	0 total; 0 since its plan	
Plandome Manor village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 3	no Public Assistance recorded	0 total; 0 since its plan	
Plandome village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
Port Washington North village	Village	No approved plan on record	FMA RL 0, SRL 0; any 2	\$274,666.05	0 total; no approved plan	
Rockville Centre village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 3	\$3,879,091.31	5 total; 0 since its plan	
Roslyn Estates village	Village	No approved plan on record	FMA RL 0, SRL 0; any 0	\$181,588.70	7 total; no approved plan	
Roslyn Harbor village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 1	\$309,493.52	0 total; 0 since its plan	Includes \$8,886.52 for declarations not counted as hazard incidents (DR-4480-NY).

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
Roslyn village	Village	No approved plan on record	FMA RL 0, SRL 1; any 3	no Public Assistance recorded	11 total; no approved plan	
Russell Gardens village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Saddle Rock village	Village	No approved plan on record	FMA RL 0, SRL 0; any 2	\$211,765.23	0 total; no approved plan	
Sands Point village	Village	Expired on 2026-01-12	FMA RL 0, SRL 4; any 9	\$1,057,707.99	0 total; 0 since its plan	Includes \$14,866.46 for declarations not counted as hazard incidents (DR-4480-NY).
Sea Cliff village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 4	\$305,501.21	3 total; 0 since its plan	Includes \$22,601.08 for declarations not counted as hazard incidents (DR-4480-NY).
South Floral Park village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Stewart Manor village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$226,038.78	3 total; 0 since its plan	
Thomaston village	Village	No approved plan on record	FMA RL 0, SRL 0; any 1	\$362,175.47	0 total; no approved plan	
Upper Brookville village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$212,725.47	0 total; 0 since its plan	Includes \$3,967.18 for declarations not counted as hazard incidents (DR-4480-NY).
Valley Stream village	Village	Expired on 2026-01-12	FMA RL 0, SRL 3; any 30	\$2,464,416.07	9 total; 1 since its plan	Includes \$33,034.44 for declarations not counted as hazard incidents (DR-4480-NY).
Westbury village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$1,109,694.46	2 total; 0 since its plan	
Williston Park village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$1,155,560.55	0 total; 0 since its plan	
Woodsburgh village	Village	Expired on 2026-01-12	FMA RL 0, SRL 0; any 5	no Public Assistance recorded	0 total; 0 since its plan	
Hempstead town	Town	Expired on 2026-01-12	FMA RL 174, SRL 260; any 2,648	\$49,167,185.43	5 total; 0 since its plan	
North Hempstead town	Town	Expired on 2026-01-12	FMA RL 0, SRL 2; any 24	\$64,900,872.48	0 total; 0 since its plan	
Oyster Bay town	Town	Expired on 2026-01-12	FMA RL 82, SRL 134; any 771	\$44,744,558.28	9 total; 1 since its plan	Includes \$1,039,630.68 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 2021-01-13 <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
Coastal Flooding	\$36,725,437,017	n/a	159,984	\$23,488,147	n/a	\$792,909	0.064%		\$0		
Cold Wave	\$303,495,021,155	\$1,050,035	1,395,584	\$393	\$17	\$9,879,903	under 0.0001%				
Drought	n/a	\$697,795	n/a	n/a	\$2,412	n/a	0.346% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$506,291,740,866	n/a	1,395,774	\$20,812,129	n/a	\$7,200,808	0.00411%				
Hail	\$303,495,021,155	\$1,050,035	1,395,584	\$32,000	\$255	\$63,590	under 0.0001%	\$0			
Heat Wave	\$303,495,021,155	\$1,050,035	1,395,584	\$12	\$149	\$8,284,881	under 0.0001%				
Hurricane	\$303,477,033,996	\$1,050,035	1,395,467	\$26,268,897	\$7,439	\$816,414	0.00866%		\$0	\$30,785,275.44	
Ice Storm	\$301,635,396,967	n/a	1,389,248	\$3,543,050	n/a	\$351,494	0.00117%				
Inland Flooding	\$302,361,997,480	\$5,655	132,038	\$175,707,126	\$152	\$8,179,956	n/a (see note)	\$7,960,000		\$2,841,607.24	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	\$3,014,950,651	n/a	9,878	\$11,399	n/a	\$37	0.000378%				
Lightning	\$303,495,021,155	n/a	1,395,584	\$201,000	n/a	\$2,770,938	under 0.0001%	\$22,000			
Strong Wind	\$303,495,021,155	\$1,050,035	1,395,584	\$1,016,448	\$20	\$3,450,330	0.000335%	\$66,000	\$0		
Tornado	\$303,495,021,155	\$1,050,035	1,395,584	\$2,410,051	\$11	\$1,282,116	0.000794%	\$300,000			

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 2021-01-13 <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
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$3,770,945,298	\$201,655	16,198	\$33,378	under \$1	\$2,771	0.000885%				
Winter Weather	\$303,495,021,155	\$1,050,035	1,395,584	\$184,832	under \$1	\$1,830,574	under 0.0001%		\$0		

Totals since 2021-01-13 (Storm Events through 2026-06-30): 76 county-coded records, 76 with a damage value recorded (including \$0), \$8,348,000; 43 zone-level records, 39 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: \$33,626,882.68 on 4 counted declarations, 2 of them with Public Assistance.

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	1,395,584
Building value (total, not at risk)	\$303,495,021,155
Agriculture value (total, not at risk)	\$1,050,035
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$253,719,318
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)	\$44,906,720
Social vulnerability rating	Relatively Low
Community resilience rating	Very High
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	388	Severe repetitive loss, FMA definition (44 CFR 77.2)	822
Repetitive loss, NFIP insurance definition	6,491	Severe repetitive loss, NFIP insurance definition	680

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	388	822	6,491	680	6,631	130	4,428
of which: Atlantic Beach village	1	7	72	6	72	0	54
of which: Cedarhurst village	1	2	24	2	24	0	12
of which: Centre Island village	0	0	5	0	5	0	1
of which: East Rockaway village	8	15	196	13	199	3	138
of which: Freeport village	50	197	1,201	174	1,221	25	849
of which: Glen Cove city	1	7	23	7	24	0	13
of which: Great Neck Estates village	0	0	4	0	4	0	2
of which: Hempstead town	174	260	2,614	222	2,648	30	1,679
of which: Hewlett Bay Park village	0	0	3	0	3	0	0
of which: Hewlett Harbor village	0	3	24	3	24	0	13
of which: Hewlett Neck village	0	0	3	0	3	0	1
of which: Island Park village	32	70	339	55	352	12	257
of which: Kings Point village	0	1	11	1	11	0	5
of which: Lattingtown village	0	0	2	0	2	0	1
of which: Lawrence village	2	4	38	3	38	0	28
of which: Lynbrook village	1	1	3	0	3	0	2
of which: Manorhaven village	0	0	6	0	6	0	0
of which: Massapequa Park village	3	5	42	5	42	0	14
of which: North Hempstead town	0	2	24	2	24	0	2
of which: Oyster Bay town	82	134	739	104	771	28	486
of which: Plandome Heights village	0	0	1	0	1	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: Plandome Manor village	0	0	3	0	3	0	2
of which: Rockville Centre village	0	0	3	0	3	0	1
of which: Roslyn village	0	1	3	1	3	0	0
of which: Saddle Rock village	0	0	2	0	2	0	1
of which: Sands Point village	0	4	9	4	9	0	5
of which: Sea Cliff village	0	0	4	0	4	0	3
of which: Thomaston village	0	0	1	0	1	0	0
of which: Valley Stream village	0	3	30	2	30	0	14
of which: Woodsburgh village	0	0	5	0	5	0	1
of which: New York city (plan jurisdiction listed on the Bronx County and Kings County and New York County and Queens County and Richmond County page)	0	2	8	2	8	0	0
of which: Bayville village	2	17	158	15	160	0	116
of which: Roslyn Harbor village	0	0	1	0	1	0	0
of which: Oyster Bay Cove village	0	0	2	0	2	0	1
of which: Great Neck village	0	4	13	4	13	0	2
of which: Mineola village	0	1	4	1	4	0	0
of which: Port Washington North village	0	0	2	0	2	0	0
of which: Lake Success village	0	0	1	0	1	0	0
of which: East Hills village	0	0	1	0	1	0	0
of which: Great Neck Plaza village	0	1	1	1	1	0	0
of which: Munsey Park village	0	0	2	0	2	0	2
of which: Hempstead village	0	1	1	1	1	0	0
of which: Long Beach city	31	80	862	52	897	32	723
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

8 of the county's repeat-flood properties belong to NFIP communities whose plan jurisdiction is not listed on this page (the community rows above name the page that lists it).

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>
Atlantic Beach village	360458	1	7	72	6	72	0	54
Baxter Estates village	360459	0	0	0	0	0	0	0
Bayville village	360988	2	17	158	15	160	0	116

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>
Bellerose village	361625	0	0	0	0	0	0	0
Brookville village	361626	0	0	0	0	0	0	0
Cedarhurst village	360460	1	2	24	2	24	0	12
Centre Island village	360461	0	0	5	0	5	0	1
Cove Neck village	360462	0	0	0	0	0	0	0
East Hills village	361627	0	0	1	0	1	0	0
East Rockaway village	360463	8	15	196	13	199	3	138
East Williston village	361628	0	0	0	0	0	0	0
Farmingdale village	361629	0	0	0	0	0	0	0
Floral Park village	361630	0	0	0	0	0	0	0
Flower Hill village	361604	0	0	0	0	0	0	0
Freeport village	360464	50	197	1,201	174	1,221	25	849
Garden City village	361631	0	0	0	0	0	0	0
Glen Cove city	360465	1	7	23	7	24	0	13
Great Neck Estates village	360466	0	0	4	0	4	0	2
Great Neck Plaza village	361632	0	1	1	1	1	0	0
Great Neck village	361519	0	4	13	4	13	0	2
Hempstead village	361647	0	1	1	1	1	0	0
Hewlett Bay Park village	360468	0	0	3	0	3	0	0
Hewlett Harbor village	360469	0	3	24	3	24	0	13
Hewlett Neck village	360470	0	0	3	0	3	0	1
Island Park village	360471	32	70	339	55	352	12	257
Kensington village	360472	0	0	0	0	0	0	0
Kings Point village	360473	0	1	11	1	11	0	5
Lake Success village	361582	0	0	1	0	1	0	0
Lattingtown village	360474	0	0	2	0	2	0	1
Laurel Hollow village	360475	0	0	0	0	0	0	0
Lawrence village	360476	2	4	38	3	38	0	28
Long Beach city	365338	31	80	862	52	897	32	723
Lynbrook village	360478	1	1	3	0	3	0	2
Malverne village	361633	0	0	0	0	0	0	0
Manorhaven village	360479	0	0	6	0	6	0	0
Massapequa Park village	360480	3	5	42	5	42	0	14
Matinecock village	361634	0	0	0	0	0	0	0
Mill Neck village	360481	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>
Mineola village	361528	0	1	4	1	4	0	0
Munsey Park village	361636	0	0	2	0	2	0	2
Muttontown village	361637	0	0	0	0	0	0	0
New Hyde Park village	361638	0	0	0	0	0	0	0
North Hills village	361600	0	0	0	0	0	0	0
Old Brookville village	361646	0	0	0	0	0	0	0
Old Westbury village	361639	0	0	0	0	0	0	0
Oyster Bay Cove village	361486	0	0	2	0	2	0	1
Plandome Heights village	360485	0	0	1	0	1	0	0
Plandome Manor village	360486	0	0	3	0	3	0	2
Plandome village	360484	0	0	0	0	0	0	0
Port Washington North village	361562	0	0	2	0	2	0	0
Rockville Centre village	360488	0	0	3	0	3	0	1
Roslyn Estates village	361640	0	0	0	0	0	0	0
Roslyn Harbor village	361035	0	0	1	0	1	0	0
Roslyn village	360489	0	1	3	1	3	0	0
Russell Gardens village	361583	0	0	0	0	0	0	0
Saddle Rock village	360491	0	0	2	0	2	0	1
Sands Point village	360492	0	4	9	4	9	0	5
Sea Cliff village	360493	0	0	4	0	4	0	3
South Floral Park village	361641	0	0	0	0	0	0	0
Stewart Manor village	361642	0	0	0	0	0	0	0
Thomaston village	360494	0	0	1	0	1	0	0
Upper Brookville village	361643	0	0	0	0	0	0	0
Valley Stream village	360495	0	3	30	2	30	0	14
Westbury village	361644	0	0	0	0	0	0	0
Williston Park village	361645	0	0	0	0	0	0	0
Woodsburgh village	360496	0	0	5	0	5	0	1
Hempstead town	360467	174	260	2,614	222	2,648	30	1,679
North Hempstead town	360482	0	2	24	2	24	0	2
Oyster Bay town	360483	82	134	739	104	771	28	486

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	368	724	5,834	594	5,967	126	4,024
2 to 4 unit residential	10	49	458	46	461	2	332
other residential	0	7	59	5	61	1	36
non-residential	10	42	140	35	142	1	36
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 69 properties are FMA repetitive loss but not NFIP repetitive loss, and 6,172 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).

Reuse, citation and corrections

Reuse and citation: Hazard Plain text and tables are licensed under Creative Commons Attribution 4.0 International (CC BY 4.0, <https://creativecommons.org/licenses/by/4.0/>); credit Hazard Plain and the release. The underlying federal data are public domain; OpenFEMA data are also subject to the OpenFEMA terms and conditions.

Cite this: Hazard Plain (2026). Nassau County, NY: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 36059). Automated baseline. <https://hazardplain.org/ny/36059/> 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