

Suffolk County, NY

Risk-assessment baseline packet

Unit **County area 36103** Release **2026-10** As of **2026-09-28** 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.

A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

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Plan clock

Status	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Plan	Suffolk County 2026 (FEMA plan 110884), pending adoption here
Approved	2026-09-04 by FEMA; not yet adopted here	Expires	2031-09-03 once adopted
As of	2026-09-28	Update underway	FEMA tracker shows a plan approvable pending adoption

Not yet eligible: adopt the approved plan.

Not yet eligible: adopt the approved plan.

What changed since your last plan

Not available. Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

Plan status for every jurisdiction listed in this county: 37 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Suffolk County	County	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Amityville village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Asharoken village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Belle Terre village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-18
Bellport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Dering Harbor village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
East Hampton village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Head of the Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 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 <i>negative = days since expiry</i>	Update underway	Notes
Huntington Bay village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
Lake Grove village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lindenhurst village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lloyd Harbor village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
Nissequogue village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-17
North Haven village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Northport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Old Field village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Patchogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Poquott village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Port Jefferson village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 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 <i>negative = days since expiry</i>	Update underway	Notes
Quogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Sag Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Saltaire village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Shoreham village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
Village of the Branch village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
West Hampton Dunes village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Westhampton Beach village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		
Babylon town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Brookhaven town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
East Hampton town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		
Huntington town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
Islip town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 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>		
Riverhead town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
Shelter Island town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Smithtown town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-23
Southampton town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Southold town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,801		member approved 2026-09-10
Suffolk Co Water Authority	Water/Sewer Authority	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury, \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$191,609,717	\$26,364	\$1,705,338	\$193,341,419	255		
2	Hurricane	Relatively High	Relatively High	\$39,071,325	\$2,623,670	\$1,025,770	\$42,720,766	5		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
3	Coastal Flooding	Very High	Very High	\$24,737,192		\$582,831	\$25,320,023	59		
4	Earthquake	Relatively Moderate	Relatively Moderate	\$16,911,894		\$4,256,842	\$21,168,736			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Cold Wave	Relatively High	Relatively High	\$555	\$21,276	\$13,818,729	\$13,840,560	5		
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$9	\$19,955	\$6,714,430	\$6,734,394	13		
7	Strong Wind	Relatively High	Relatively High	\$1,045,577	\$848	\$4,709,829	\$5,756,253	555		Includes 111 High Wind records and 68 Strong Wind records, event types the NRI definition of this hazard leaves out.
8	Tornado	Relatively Moderate	Relatively Moderate	\$2,638,030	\$2,540	\$953,033	\$3,593,603	22		
9	Lightning	Very High	Very High	\$204,836		\$2,929,471	\$3,134,307	37		
10	Ice Storm	Very High	Very High	\$729,741		\$1,663,571	\$2,393,312	2		
11	Winter Weather	Very High	Very High	\$179,388	\$90	\$1,841,172	\$2,020,650	124		
12	Wildfire	Relatively Low	Relatively Low	\$240,390	\$127	\$24,322	\$264,839	1		
13	Hail	Relatively Low	Relatively Low	\$69,234	\$43,132	\$73,582	\$185,948	94		
14	Landslide	Relatively Low	Relatively Low	\$33,144		\$39	\$33,182	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
15	Drought	Very Low	Very Low		\$686		\$686	8		
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data					0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 384
Coastal Flooding	The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (https://msc.fema.gov) for this county.	144 of 384
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 384
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	384 of 384
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	384 of 384
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384
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.	384 of 384
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	384 of 384
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	384 of 384
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 384
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 384
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	321 of 384
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	384 of 384

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	59, 1996 to 2024 (57 zone-level)		Coastal Flood, 2007-04-16, \$26,000,000 property; \$0 crops, reported for the zone (2007 dollars); NWS zone NYZ080 (SOUTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		Event records naming member places: Babylon town (1 record). Zone-level records (57) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	5, 2000 to 2005 (5 zone-level)	1 day to 2 days (median 2 days); 5 with a recorded value	2 consecutive days, 2004-01-15 to 2004-01-16, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	8, 2002 to 2002 (8 zone-level)	31 days to 214 days (median 122.5 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		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	107, 1984 to 2024	0.75 in to 2.5 in (median 0.88 in); 107 with a recorded value	2.5 in hail, 1989-07-10	Hail, 2008-08-15, \$500 property; crops not reported (2008 dollars)	Event records naming member places: Shoreham village (4 records), Babylon town (3 records), Huntington town (3 records), Smithtown town (3 records), Northport village (2 records), Patchogue village (2 records), Belle Terre village (1 record), East Hampton town (1 record), East Hampton village (1 record), North Haven village (1 record); and 3 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	13, 1999 to 2019 (13 zone-level)	1 day to 3 days (median 2.5 days); 10 with a recorded value	3 consecutive days, 2006-08-01 to 2006-08-03, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	5, 2008 to 2021 (5 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2008-09-06 to 2008-09-07, \$7,500 property; crops not reported, reported for the zone (2008 dollars); NWS zone NYZ081 (SOUTHEAST SUFFOLK), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	2, 2007 to 2011 (2 zone-level)		No damage reported in 2 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	255, 1996 to 2025 (4 zone-level)		Flash Flood, 2014-08-13, \$35,200,000 property; \$0 crops (2014 dollars)		Event records naming member places: Lake Grove village (9 records), Babylon town (8 records), Smithtown town (8 records), Belle Terre village (5 records), Northport village (5 records), Huntington town (4 records), Southampton town (4 records), East Hampton town (3 records), East Hampton village (3 records), Lindenhurst village (3 records); and 9 more member places (see the XLSX file). Zone-level records (4) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	37, 1998 to 2026		Lightning, 2018-08-18, \$0 property; \$0 crops (2018 dollars), 1 direct death	Lightning, 2009-04-03, \$800,000 property; \$0 crops (2009 dollars)	Event records naming member places: East Hampton town (3 records), East Hampton village (3 records), Northport village (2 records), Amityville village (1 record), Babylon town (1 record), Bellport village (1 record), Port Jefferson village (1 record), Riverhead town (1 record), Sag Harbor village (1 record), Shoreham village (1 record); and 1 more member place (see the XLSX file).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	179, 1996 to 2026 (179 zone-level)	29 kt (33 mph) to 83 kt (96 mph) (median 51 kt (59 mph)); 170 with a recorded value	83 kt (96 mph) measured gust, High Wind, 2012-10-29, 2 direct deaths (reported for the zone); NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	410, 1974 to 2026	48 kt (55 mph) to 83 kt (96 mph) (median 52 kt (60 mph)); 382 with a recorded value	83 kt (96 mph) measured gust, Thunderstorm Wind, 2015-08-04	Thunderstorm Wind, 2008-06-16, \$50,000 property; \$0 crops (2008 dollars)	Event records naming member places: Babylon town (12 records), Huntington town (7 records), Old Field village (6 records), Patchogue village (6 records), Riverhead town (6 records), Southampton town (6 records), Amityville village (5 records), Brookhaven town (4 records), Islip town (4 records), Lindenhurst village (3 records); and 15 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	32, 1958 to 2022	F/EF0 to F/EF2 (median F/EF0); 32 with a recorded value	F2 tornado, 1999-08-08, 4 mi within this county, 300 yd wide, \$1,000,000 property; crops not reported (1999 dollars), 1 direct injury		Event records naming member places: Amityville village (1 record), Babylon town (1 record), Southold town (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	1, 2001 to 2001 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	124, 1996 to 2026 (121 zone-level)		Blizzard, 2013-02-08, \$17,000,000 property; \$0 crops, reported for the zone (2013 dollars), 3 direct deaths (reported for the zone); NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		No event record names a member place. Zone-level records (121) apply countywide.	Snow depth: in event narratives only; local data required.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows 36 Counted incidents 25

Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-10-21	2024-08-18	DR-4839-NY	Major disaster	SEVERE STORM AND FLOODING	Hurricane; Inland Flooding; Strong Wind	\$8,768,382.78	within last 5 years	
2024-08-25	2024-08-18	EM-3613-NY	Emergency	SEVERE STORM AND FLOODING	Inland Flooding	none found	within last 5 years	same incident as DR-4839
2023-03-15	2022-12-23	DR-4694-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$508,596.38	within last 5 years	
2021-09-05	2021-09-01	DR-4615-NY	Major disaster	REMNANTS OF HURRICANE IDA	Hurricane	\$4,369,069.96		
2021-09-02	2021-09-01	EM-3572-NY	Emergency	REMNANTS OF HURRICANE IDA	Hurricane	none found		same incident as DR-4615
2021-08-22	2021-08-21	EM-3565-NY	Emergency	HURRICANE HENRI	Hurricane	none found		
2020-10-02	2020-08-04	DR-4567-NY	Major disaster	TROPICAL STORM ISAIAS	Hurricane	\$30,705,152.50		
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$86,855,918.19		
2020-03-13	2020-01-20	EM-3434-NY	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4480
2017-07-12	2017-03-14	DR-4322-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$315,430.90		
2013-04-23	2013-02-08	DR-4111-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$9,711,155.99		
2012-10-30	2012-10-27	DR-4085-NY	Major disaster	HURRICANE SANDY	Hurricane	\$197,913,600.27		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	HURRICANE SANDY	Hurricane	none found		same incident as DR-4085
2011-08-31	2011-08-26	DR-4020-NY	Major disaster	HURRICANE IRENE	Hurricane	\$21,575,171.90		
2011-08-26	2011-08-25	EM-3328-NY	Emergency	HURRICANE IRENE	Hurricane	\$7,285.51		same incident as DR-4020

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						<i>federal share obligated, nominal dollars</i>			
2011-02-18	2010-12-26	DR-1957-NY	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$3,639,901.75			
2010-04-16	2010-03-13	DR-1899-NY	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$11,857,465.29			
2009-12-31	2009-11-12	DR-1869-NY	Major disaster	SEVERE STORMS AND FLOODING ASSOC W TD IDA & NOR'EASTER	Inland Flooding	\$11,098,986.02			
2007-04-24	2007-04-14	DR-1692-NY	Major disaster	SEVERE STORMS AND INLAND AND COASTAL FLOODING	Coastal Flooding	\$17,892,094.96			
2005-09-30	2005-08-29	EM-3262-NY	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found			
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	\$228,292.64			
2003-03-27	2003-02-17	EM-3184-NY	Emergency	SNOW	Winter Weather	\$5,048,502.32			
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	FIRES AND EXPLOSIONS	Non-natural, not counted	\$3,247,390.44			
2000-10-11	2000-05-22	EM-3155-NY	Emergency	WEST NILE VIRUS	Non-natural, not counted	none found			
1999-09-19	1999-09-16	DR-1296-NY	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$781,801.50			
1996-11-19	1996-10-19	DR-1146-NY	Major disaster	SEVERE STORMS, FLOODING, HEAVY RAINS, HIGH WINDS	Inland Flooding; Strong Wind	none found			
1996-01-12	1996-01-06	DR-1083-NY	Major disaster	BLIZZARD OF 96 (SEVERE SNOW STORM)	Winter Weather	none found			
1993-03-17	1993-03-13	EM-3107-NY	Emergency	SEVERE BLIZZARD	Winter Weather	none found			
1992-12-21	1992-12-10	DR-974-NY	Major disaster	COASTAL STORM, HIGH TIDES, HEAVY RAIN, & FLOODING	Coastal Flooding	none found			
1991-09-16	1991-08-19	DR-918-NY	Major disaster	HURRICANE BOB	Hurricane	none found			
1985-10-18	1985-09-27	DR-750-NY	Major disaster	HURRICANE GLORIA	Hurricane	none found			
1984-04-17	1984-03-28	DR-702-NY	Major disaster	COASTAL STORMS & FLOODING	Coastal Flooding	none found			
1976-09-03	1976-09-03	DR-520-NY	Major disaster	HURRICANE BELLE	Hurricane	none found			
1971-09-13	1971-09-13	DR-311-NY	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found			
1965-08-18	1965-08-18	DR-204-NY	Major disaster	WATER SHORTAGE	Drought	none found			

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars. Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

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

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

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

SOURCE

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

Public Assistance filed under this county for declarations that do not list it: 1 row, \$3,394.66

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4031-NY	2011-09-13	REMNANTS OF TROPICAL STORM LEE	GREATER AMSTERDAM VOLUNTEER	\$3,394.66

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.

SOURCES

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	59			3	3		1996 to 2026-06-30	
Cold Wave	5			0	0		1996 to 2026-06-30	
Drought	8			0	1		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	107			7	0		1955 to 2026-06-30	

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Heat Wave	13			0	0		1996 to 2026-06-30	
Hurricane	5			0	10		1996 to 2026-06-30	
Ice Storm	2			0	0		1996 to 2026-06-30	
Inland Flooding	255			63	5		1996 to 2026-06-30	
Landslide	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	37			1	0		1996 to 2026-06-30	
Strong Wind	589			108	2		1955 to 2026-06-30	Includes 111 High Wind records and 68 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	32			6	0		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	1			0	0		1996 to 2026-06-30	
Winter Weather	124			19	7		1996 to 2026-06-30	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2018-08-18	Lightning		\$0 property; \$0 crops (2018 dollars)	1, 0	SAN REMO		B1-c worst recorded: Lightning
2015-08-04	Thunderstorm Wind	83 kt (96 mph) measured gust	damage not reported	0, 0	STONY BROOK		B1-c worst recorded: Thunderstorm Wind
2014-08-13	Flash Flood		\$35,200,000 property; \$0 crops (2014 dollars)	0, 0	PINE AIRE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2013-02-08	Blizzard		\$17,000,000 property; \$0 crops, reported for the zone (2013 dollars)	3, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		deaths or injuries recorded

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2012-10-29	High Wind	83 kt (96 mph) measured gust	\$1,000,000 property; \$0 crops, reported for the zone (2012 dollars)	2, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2008-09-06	Tropical Storm		\$7,500 property; crops not reported, reported for the zone (2008 dollars)	0, 0	NWS zone NYZ081 (SOUTHEAST SUFFOLK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2007-04-16	Coastal Flood		\$26,000,000 property; \$0 crops, reported for the zone (2007 dollars)	0, 0	NWS zone NYZ080 (SOUTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2006-08-01	Heat		damage not reported	0, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2005-01-27	Cold/Wind Chill		damage not reported	2, 0	NWS zone NYZ080 (SOUTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2004-01-15	Cold/Wind Chill		damage not reported	0, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1999-08-08	Tornado	F2, 4 mi within this county, 300 yd wide	\$1,000,000 property; crops not reported (1999 dollars)	0, 1	MATTITUCK to NEW SUFFOLK		B1-c worst recorded: Tornado
1989-07-10	Hail	2.5 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,237 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding	3.79	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	0.551	event-days per year	about 0.551 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	4.14	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0.139	event-days per year	about 0.139 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	49	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	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	1.29	events per year	about 1.29 per year	Highly likely	FEMA annualized frequency (modeled)	63.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.87	event-days per year	about 3.87 days per year	Likely	event-days in 9 of 30 years, 1996 to 2025 (30%)	25.4	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 3.87 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 9 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Hurricane	0.197	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	90	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	0.675	event-days per year	about 0.675 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	25	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	3.54	event-days per year	about 3.54 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	99	1996 to 2023 (28 years)	see B1-f	
Landslide	0.175	events per year (modeled)	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	23.8	days per year with a strike	about 23.8 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	3.17	events per year	about 3.17 per year	Highly likely	FEMA annualized frequency (modeled)	65	1986 to 2023 (38 years)	countywide	
Tornado	0.474	events per year	about 1 in 2 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 Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.000171	annual probability at a location	chance a given location in the county burns in a year: 0.0171%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	10.3	event-days per year	about 10.3 days per year	Highly likely	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	77.7	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts

in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	41	30	1.37
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	346	30	11.5
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	16	30	0.533
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	21	30	0.7
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

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

SOURCE
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	0 of 384				Not Applicable 384	
Coastal Flooding	144 of 384	69.7	93.4	99.9	Very High 6, Relatively High 38, Relatively Moderate 49, Relatively Low 23, Very Low 28, No Rating 240	
Cold Wave	384 of 384	18.9	37.5	69.2	Relatively Moderate 72, Relatively Low 311, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	6 of 384	68.6	70.8	75.1	Very Low 6, No Rating 378	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	384 of 384	23.4	55.1	88.3	Relatively Moderate 9, Relatively Low 311, Very Low 64	
Hail	384 of 384	1.6	8.9	50.4	Relatively Low 5, Very Low 379	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	384 of 384	2.6	20.1	64.8	Relatively Moderate 1, Relatively Low 231, Very Low 152	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	384 of 384	55.0	74.7	91.4	Relatively High 3, Relatively Moderate 108, Relatively Low 273	
Ice Storm	384 of 384	16.4	50.6	87.5	Relatively Moderate 29, Relatively Low 312, Very Low 43	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	384 of 384	1.2	28.7	94.7	Relatively High 13, Relatively Moderate 80, Relatively Low 201, Very Low 90	
Landslide	384 of 384	13.4	53.6	93.5	Relatively Low 61, Very Low 323	
Lightning	384 of 384	6.7	34.6	74.9	Relatively Moderate 50, Relatively Low 298, Very Low 36	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	384 of 384	12.9	41.3	79.9	Relatively Moderate 64, Relatively Low 303, Very Low 17	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	384 of 384	3.5	17.8	41.9	Relatively Low 19, Very Low 365	
Tsunami	0 of 384				Insufficient Data 384	
Volcanic Activity	0 of 384				Not Applicable 384	
Wildfire	321 of 384	18.6	43.6	86.2	Relatively Low 51, Very Low 270, No Rating 63	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Winter Weather	384 of 384	28.1	62.4	90.1	Relatively High 14, Relatively Moderate 322, Relatively Low 48	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Suffolk County	County	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$66,801,166.23	0; no approved plan	Includes \$52,794,871.01 for declarations not counted as hazard incidents (DR-1391-NY, DR-4480-NY, EM-3186-NY).
Amityville village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 21, SRL 46; any 236	\$1,939,616.24	9; no approved plan	Includes \$92,928.84 for declarations not counted as hazard incidents (DR-4480-NY).
Asharoken village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 24	\$755,332.23	3; no approved plan	
Belle Terre village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 1	none found	7; not yet covered	
Bellport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	\$47,221.85	1; no approved plan	
Dering Harbor village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 0	\$199,380	0; not yet covered	
East Hampton village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	none found	9; no approved plan	
Head of the Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$284,751.08	0; no approved plan	

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Huntington Bay village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 1; any 12	\$433,118.99	0; not yet covered	Includes \$46,804.03 for declarations not counted as hazard incidents (DR-4480-NY).
Lake Grove village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	10; no approved plan	
Lindenhurst village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 35, SRL 108; any 364	\$4,479,856.93	6; no approved plan	Includes \$85,496.45 for declarations not counted as hazard incidents (DR-4480-NY).
Lloyd Harbor village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 1	none found	3; not yet covered	
Nissequogue village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 3	\$493,516.87	1; not yet covered	Includes \$23,399.48 for declarations not counted as hazard incidents (DR-4480-NY).
North Haven village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$71,865.08	3; no approved plan	
Northport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 5	none found	12; no approved plan	
Old Field village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	none found	6; no approved plan	
Patchogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 5, SRL 7; any 41	\$2,260,124.69	10; no approved plan	Includes \$95,330.67 for declarations not counted as hazard incidents (DR-4480-NY).
Poquott village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 1	none found	2; no approved plan	
Port Jefferson village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 12	\$0	5; no approved plan	
Quogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 2, SRL 8; any 48	\$599,743.96	1; no approved plan	Includes \$11,793.52 for declarations not counted as hazard incidents (DR-4480-NY).

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Sag Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 11	\$300,815.01	1; no approved plan	Includes \$43,765.30 for declarations not counted as hazard incidents (DR-4480-NY).
Saltaire village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 14	\$21,222,741.53	0; no approved plan	Includes \$57,565.20 for declarations not counted as hazard incidents (DR-4480-NY).
Shoreham village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 0	\$154,243.72	7; not yet covered	Includes \$5,290.85 for declarations not counted as hazard incidents (DR-4480-NY).
Village of the Branch village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	0; no approved plan	
West Hampton Dunes village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 6; any 55	\$42,926.94	0; no approved plan	
Westhampton Beach village	Village	Approved, expires 2031-09-03	FMA RL 5, SRL 22; any 107	\$403,281.91	2; not yet covered	
Babylon town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 41, SRL 95; any 581	\$15,608,126.78	26; no approved plan	Includes \$180,555.27 for declarations not counted as hazard incidents (DR-4480-NY).
Brookhaven town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 25, SRL 75; any 432	\$60,242,922.42	4; no approved plan	Includes \$438,228.19 for declarations not counted as hazard incidents (DR-4480-NY).
East Hampton town	Town	Approved, expires 2031-09-03	FMA RL 1, SRL 6; any 64	\$3,519,598.14	9; not yet covered	Includes \$683,011.62 for declarations not counted as hazard incidents (DR-4480-NY).
Huntington town	Town	Approved, expires 2031-09-03	FMA RL 1, SRL 7; any 45	\$41,844,662.15	14; not yet covered	Includes \$216,682.12 for declarations not counted as hazard incidents (DR-4480-NY).
Islip town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 27, SRL 90; any 547	\$32,227,461.33	6; no approved plan	Includes \$222,386.49 for declarations not counted as hazard incidents (DR-4480-NY).
Riverhead town	Town	Approved, expires 2031-09-03	FMA RL 5, SRL 9; any 63	\$2,397,743.57	8; not yet covered	Includes \$188,448.25 for declarations not counted as hazard incidents (DR-4480-NY).
Shelter Island town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 10	\$1,048,569.38	0; no approved plan	Includes \$60,749.91 for declarations not counted as hazard incidents (DR-4480-NY).

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Smithtown town	Town	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 21	\$13,258,189.04	13; not yet covered	Includes \$188,474.30 for declarations not counted as hazard incidents (DR-4480-NY).
Southampton town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 31, SRL 39; any 361	\$8,440,074.86	10; no approved plan	Includes \$654,239.49 for declarations not counted as hazard incidents (DR-4480-NY).
Southold town	Town	Approved, expires 2031-09-03	FMA RL 1, SRL 12; any 82	\$3,294,785.75	6; not yet covered	Includes \$51,517.65 for declarations not counted as hazard incidents (DR-4480-NY).

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

School districts and special districts get a plan clock row only.

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

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

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

Hazard	Building exposure	Agriculture exposure	Population exposed	EAL buildings	EAL agriculture	EAL population equivalence	EAL as % of exposure	Storm Events damage since plan	Zone-level damage since plan	Public Assistance since plan	Note
	<i>modeled dollars</i>	<i>modeled dollars</i>	<i>people</i>	<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>statistical value of life and injury, \$13.7M per life, not property damage</i>	<i>buildings; agriculture where noted</i>	<i>county-coded records, property plus crops, nominal dollars</i>	<i>property plus crops, reported for the zone</i>	<i>nominal dollars; see note</i>	
Avalanche											Not Applicable in NRI for this county

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <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	\$19,767,118,066		49,907	\$24,737,192		\$582,831	0.125%				
Cold Wave	\$391,888,251,724	\$290,439,444	1,524,969	\$555	\$21,276	\$13,818,729	under 0.0001%				
Drought		\$462,300			\$686		0.148% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$656,213,410,648		1,525,920	\$16,911,894		\$4,256,842	0.00258%				
Hail	\$391,888,251,724	\$290,439,444	1,524,969	\$69,234	\$43,132	\$73,582	under 0.0001%				
Heat Wave	\$391,888,251,724	\$290,439,444	1,524,969	\$9	\$19,955	\$6,714,430	under 0.0001%				
Hurricane	\$391,882,820,923	\$290,389,537	1,524,943	\$39,071,325	\$2,623,670	\$1,025,770	0.00997%				
Ice Storm	\$390,023,035,911		1,519,834	\$729,741		\$1,663,571	0.000187%				
Inland Flooding	\$390,740,486,057	\$1,232,656	39,805	\$191,609,717	\$26,364	\$1,705,338	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. EAL as % of exposure: n/a.
Landslide	\$5,015,175,553		16,274	\$33,144		\$39	0.000661%				
Lightning	\$391,888,251,724		1,524,969	\$204,836		\$2,929,471	under 0.0001%				
Strong Wind	\$391,888,251,724	\$290,439,444	1,524,969	\$1,045,577	\$848	\$4,709,829	0.000267%				
Tornado	\$391,888,251,724	\$290,439,444	1,524,969	\$2,638,030	\$2,540	\$953,033	0.000673%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$19,041,831,473	\$77,956,946	89,929	\$240,390	\$127	\$24,322	0.00126%				
Winter Weather	\$391,888,251,724	\$290,439,444	1,524,969	\$179,388	\$90	\$1,841,172	under 0.0001%				

Totals since the plan: not available. Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

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

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

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

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

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

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

Supports B2-a: context

County context

Measure	Value
Population	1,524,969
Building value (total, not at risk)	\$391,888,251,724
Agriculture value (total, not at risk)	\$290,439,444
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$280,209,720
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)	\$40,298,959
Social vulnerability rating	Relatively Low
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	258	Severe repetitive loss, FMA definition (44 CFR 77.2)	646
Repetitive loss, NFIP insurance definition	3,461	Severe repetitive loss, NFIP insurance definition	500

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

SOURCES

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

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

Repeat-flood properties: county and state-level rows

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	258	646	3,461	500	3,600	108	1,851
NEW YORK, CITY OF (plan member listed on the Bronx County and Kings County and New York County and Queens County and Richmond County page)	0	1	6	1	6	0	0
MASTIC BEACH, VILLAGE OF (community ID not in plan data)	4	1	17	1	20	0	17
AMITYVILLE, VILLAGE OF	21	46	229	39	236	6	160
BABYLON,TOWN OF	41	95	556	73	581	21	340
BABYLON, VILLAGE OF (community ID not in plan data)	20	56	214	39	231	16	161
EAST HAMPTON,TOWN OF	1	6	63	3	64	1	28
EAST HAMPTON,VILLAGE OF	0	0	6	0	6	0	2
HUNTINGTON, TOWN OF	1	7	44	5	45	1	23
LINDENHURST, VILLAGE OF	35	108	341	86	364	22	217
LLOYD HARBOR, VILLAGE OF	0	0	1	0	1	0	1
NORTH HAVEN, VILLAGE OF	0	0	3	0	3	0	0
NORTHPORT, VILLAGE OF	0	1	5	1	5	0	0
PATCHOGUE, VILLAGE OF	5	7	41	7	41	0	29
PORT JEFFERSON, VILLAGE OF	0	2	12	2	12	0	6
RIVERHEAD, TOWN OF	5	9	62	8	63	1	22
QUOGUE, VILLAGE OF	2	8	47	5	48	1	22
SAG HARBOR, VILLAGE OF	1	1	11	1	11	0	7
SHELTER ISLAND, TOWN OF	0	0	10	0	10	0	2
SMITHTOWN, TOWN OF	0	0	21	0	21	0	2
SOUTHOLD,TOWN OF	1	12	80	10	82	1	28
GREENPORT, VILLAGE OF (community ID not in plan data)	0	2	6	2	6	0	3
BELLPORT, VILLAGE OF	0	0	6	0	6	0	5
BRIGHTWATERS, VILLAGE OF (community ID not in plan data)	0	0	11	0	11	0	6
SAGAPONACK, VILLAGE OF (community ID not in plan data)	0	0	4	0	4	0	2
NISSEQUOGUE, VILLAGE OF	0	0	3	0	3	0	1
POQUOTT, VILLAGE OF	0	1	1	1	1	0	0
BELLE TERRE, VILLAGE OF	0	0	1	0	1	0	0
HUNTINGTON BAY, VILLAGE OF	0	1	12	1	12	0	8
OLD FIELD, VILLAGE OF	0	0	2	0	2	0	2
WEST HAMPTON DUNES, VILLAGE OF	0	6	54	5	55	1	49
ASHAROKEN, VILLAGE OF	0	2	24	2	24	0	18

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>
BROOKHAVEN, TOWN OF	25	75	423	61	432	8	165
ISLIP, TOWN OF	27	90	528	63	547	14	252
OCEAN BEACH, VILLAGE OF (community ID not in plan data)	30	44	141	36	150	1	78
SALTAIRE, VILLAGE OF	0	1	13	0	14	0	6
SOUTHAMPTON, TOWN OF	31	39	349	32	361	9	139
SOUTHAMPTON, VILLAGE OF (community ID not in plan data)	3	3	14	1	14	0	4
WESTHAMPTON BEACH, VILLAGE OF	5	22	100	15	107	5	46
State level, not in this county: county not reported	0	0	19	0	19	0	3

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

SOURCES

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

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

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Suffolk County	361622	0	0	0	0	0	0	0	
Amityville village	360788	21	46	229	39	236	6	160	
Asharoken village	365333	0	2	24	2	24	0	18	
Belle Terre village	361532	0	0	1	0	1	0	0	
Bellport village	361069	0	0	6	0	6	0	5	
Dering Harbor village	361524	0	0	0	0	0	0	0	
East Hampton village	360795	0	0	6	0	6	0	2	
Head of the Harbor village	361513	0	0	0	0	0	0	0	
Huntington Bay village	361543	0	1	12	1	12	0	8	
Lake Grove village	361624	0	0	0	0	0	0	0	
Lindenhurst village	360798	35	108	341	86	364	22	217	
Lloyd Harbor village	360799	0	0	1	0	1	0	1	
Nissequoque village	361510	0	0	3	0	3	0	1	
North Haven village	360800	0	0	3	0	3	0	0	
Northport village	360801	0	1	5	1	5	0	0	
Old Field village	361545	0	0	2	0	2	0	2	
Patchogue village	360803	5	7	41	7	41	0	29	
Poquott village	361518	0	1	1	1	1	0	0	
Port Jefferson village	360804	0	2	12	2	12	0	6	
Quogue village	360806	2	8	47	5	48	1	22	

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Sag Harbor village	360807	1	1	11	1	11	0	7	
Saltaire village	365341	0	1	13	0	14	0	6	
Shoreham village	361506	0	0	0	0	0	0	0	
Village of the Branch village	361551	0	0	0	0	0	0	0	
West Hampton Dunes village	361649	0	6	54	5	55	1	49	
Westhampton Beach village	365345	5	22	100	15	107	5	46	
Babylon town	360790	41	95	556	73	581	21	340	
Brookhaven town	365334	25	75	423	61	432	8	165	
East Hampton town	360794	1	6	63	3	64	1	28	
Huntington town	360796	1	7	44	5	45	1	23	
Islip town	365337	27	90	528	63	547	14	252	
Riverhead town	360805	5	9	62	8	63	1	22	
Shelter Island town	360809	0	0	10	0	10	0	2	
Smithtown town	360810	0	0	21	0	21	0	2	
Southampton town	365342	31	39	349	32	361	9	139	
Southold town	360813	1	12	80	10	82	1	28	

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

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	241	588	3,220	446	3,355	106	1,747
2 to 4 unit residential	6	23	92	22	93	1	35
other residential	1	3	39	3	39	0	30
non-residential	10	32	110	29	113	1	39
not reported	0	0	0	0	0	0	0

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

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

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

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's fmaRL field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRL) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

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

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 61 properties are FMA repetitive loss but not NFIP repetitive loss, and 3,264 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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

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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_NY_36103. Preview: automated baseline.