

Sullivan County, NH

Risk-assessment baseline packet

Unit **County area 33019** 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.

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).

Plan clock

No county-level plan row in FEMA data

What changed since your last plan

Not available. No county-level plan row in FEMA data, so there is no approval date to count from.

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: 14 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.

CONTENTS

1. Plan clock, page 1

2. What changed since your last plan, page 1

3. Supports B1-a: hazards, page 3

4. Supports B1-b: location, page 4

5. Supports B1-c: extent, page 5

6. Supports B1-d: previous occurrences, page 8
7. Supports B1-e: probability, page 13

8. Supports B1-f: variation across the planning area, page 16

9. Supports B2-a and B2-b: assets and impacts, page 18

10. Supports B2-a: context, page 20

11. Supports B2-c: repetitive loss, page 20

12. Sources and OpenFEMA disclaimer, page 22

Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Claremont city	City	Approved, expires 2027-03-20	City of Claremont, New Hampshire Hazard Mitigation Plan (FEMA plan 108200)	2022-03-21	2027-03-20	173		
Acworth town	Town	Approved, expires 2030-09-15	Town of Acworth Hazard Mitigation Plan Update 2025 (FEMA plan 110985)	2025-09-16	2030-09-15	1,448		
Charlestown town	Town	Approved, expires 2031-08-11	Town of Charlestown, New Hampshire Hazard Mitigation Plan Update 2026 (FEMA plan 111995)	2026-08-12	2031-08-11	1,778		
Cornish town	Town	Approved, expires 2029-03-25	Town of Cornish, New Hampshire Hazard Mitigation Plan Update 2024 (FEMA plan 108727)	2024-03-26	2029-03-25	909		
Goshen town	Town	Approved, expires 2026-12-20	Town of Goshen, New Hampshire Hazard Mitigation Plan Update 2021 (FEMA plan 107992)	2021-12-21	2026-12-20	83		
Grantham town	Town	Approved, expires 2031-08-11	Town of Grantham, New Hampshire Hazard Mitigation Plan Update 2026 (FEMA plan 111876)	2026-08-12	2031-08-11	1,778		
Langdon town	Town	Approved, expires 2031-04-15	Langdon Hazard Mitigation Plan Update 2026, Langdon New Hampshire (FEMA plan 111660)	2026-04-16	2031-04-15	1,660		
Lempster town	Town	Approved, expires 2030-07-23	Town of Lempster, New Hampshire Hazard Mitigation Plan Update 2025 (FEMA plan 110971)	2025-07-24	2030-07-23	1,394		
Newport town	Town	Approved, expires 2027-03-03	Town of Newport, New Hampshire Hazard Mitigation Plan Update 2022 (FEMA plan 108145)	2022-03-04	2027-03-03	156		
Plainfield town	Town	Approved, expires 2029-10-03	Town of Plainfield, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110126)	2024-10-04	2029-10-03	1,101		
Springfield town	Town	Approved, expires 2031-04-15	Springfield, NH Hazard Mitigation Plan Update 2026 (FEMA plan 111704)	2026-04-16	2031-04-15	1,660		
Sunapee town	Town	Approved, expires 2027-07-21	Town of Sunapee, New Hampshire Hazard Mitigation Plan Update 2022 (FEMA plan 108421)	2022-07-22	2027-07-21	296		
Unity town	Town	Approved, expires 2030-07-23	Town of Unity, NH Hazard Mitigation Plan 2025 Edition (FEMA plan 110934)	2025-07-24	2030-07-23	1,394		
Washington town	Town	Approved, expires 2027-01-17	Town of Washington, New Hampshire Hazard Mitigation Plan (FEMA plan 108023)	2022-01-18	2027-01-17	111		

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 <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 <i>(see note)</i> <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
1	Inland Flooding	Relatively Low	Relatively Low	\$11,448,550	\$15,660	\$238,238	\$11,702,448	58		
2	Cold Wave	Relatively Low	Relatively Low	\$71	\$4,492	\$678,209	\$682,772	22		Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.
3	Hurricane	Relatively Low	Relatively Low	\$494,830	\$41,323	\$25,154	\$561,307	1		
4	Tornado	Very Low	Relatively Low	\$152,806	\$213	\$229,654	\$382,674	3		
5	Heat Wave	Relatively Low	Relatively Low	under \$1	\$14,038	\$347,235	\$361,273	2		
6	Lightning	Relatively Low	Relatively Moderate	\$18,561		\$305,091	\$323,652	6		
7	Strong Wind	Relatively Low	Relatively Low	\$55,721	\$871	\$238,868	\$295,460	177		Includes 16 High Wind records and 28 Strong Wind records, event types the NRI definition of this hazard leaves out.
8	Earthquake	Very Low	Very Low	\$201,797		\$33,381	\$235,178			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
9	Ice Storm	Relatively Moderate	Relatively Moderate	\$221,775		\$11,022	\$232,797	3		
10	Hail	Very Low	Very Low	\$2,636	\$3,496	\$71,380	\$77,513	47		
11	Winter Weather	Relatively Low	Relatively Moderate	\$30,799	\$24	\$46,529	\$77,353	180		
12	Landslide	Relatively Low	Relatively Low	\$6,074		\$8,206	\$14,280	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.

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
13	Wildfire	Very Low	Very Low	\$5,184	\$2	\$649	\$5,835	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.
14	Avalanche	Very Low	Very Low	\$0		\$80	\$80	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses		\$0		\$0	19		
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding 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	Not Applicable	Not Applicable					0	NRI rates tsunami 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.
	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.	3 of 11
Coastal Flooding	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 11
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 11
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.	11 of 11
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11
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.	11 of 11
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11
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.	11 of 11
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.	11 of 11
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11
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.	11 of 11
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 11
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 11
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.	11 of 11
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 11

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)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	21, 1998 to 2023 (21 zone-level)	1 day to 6 days (median 2 days); 18 with a recorded value	6 consecutive days, 2000-01-13 to 2000-01-18, 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	1, 2023 to 2023 (1 zone-level)		No crop damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: 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
Drought	US Drought Monitor D-scale	19, 1999 to 2026 (19 zone-level)	26 days to 212 days (median 46 days); 8 with a recorded value	212 days (7 months), 2025-11-01 to 2026-05-31, a run of 7 consecutive Storm Events drought records, zone-level	Drought, 2020-10-01, \$100,000 property; \$500,000 crops, reported for the zone (2020 dollars)	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)	52, 1962 to 2026	0.75 in to 2 in (median 1 in); 52 with a recorded value	2 in hail, 2011-06-09		Event records naming member places: Claremont city (8 records), Charlestown town (4 records), Langdon town (4 records), Sunapee town (4 records), Newport town (3 records), Unity town (3 records), Washington town (2 records), Goshen town (1 record), Grantham town (1 record), Lempster town (1 record).	
Excessive Heat, Heat	heat index (narratives)	2, 1998 to 1998 (2 zone-level)		No in-season record among 2 records, so no run is shown (see the note).		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1, 2011 to 2011 (1 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2011-08-28, damage not reported; NWS zone NHZ007 (SULLIVAN), 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)	3, 1998 to 2011 (3 zone-level)		Ice Storm, 1998-01-07, \$1,960,000 property; crops not reported, reported for the zone (1998 dollars), 1 direct injury (reported for the zone); NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: 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
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	58, 1996 to 2023 (7 zone-level)		Flood, 2005-10-08, \$3,000,000 property; \$200,000 crops, reported for the zone (2005 dollars), 2 direct deaths (reported for the zone); NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		Event records naming member places: Claremont city (15 records), Lempster town (4 records), Langdon town (3 records), Newport town (3 records), Washington town (3 records), Sunapee town (2 records), Acworth town (1 record), Charlestown town (1 record), Goshen town (1 record), Grantham town (1 record); and 3 more member places (see the XLSX file). Zone-level records (7) 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)	6, 2002 to 2007		Lightning, 2007-07-06, \$100,000 property; \$0 crops (2007 dollars)		Event records naming member places: Sunapee town (4 records), Claremont city (1 record), Washington town (1 record).	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)	44, 1996 to 2022 (44 zone-level)	34 kt (39 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 17 with a recorded value	70 kt (81 mph) measured gust, High Wind, 2012-10-29; NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	158, 1960 to 2026	50 kt (58 mph) to 90 kt (104 mph) (median 50 kt (58 mph)); 136 with a recorded value	90 kt (104 mph), measurement type not recorded, Thunderstorm Wind, 1989-07-07	Thunderstorm Wind, 2024-07-16, \$5,000 property; \$0 crops (2024 dollars)	Event records naming member places: Claremont city (31 records), Charlestown town (11 records), Lempster town (8 records), Newport town (8 records), Plainfield town (7 records), Unity town (7 records), Langdon town (6 records), Sunapee town (6 records), Grantham town (4 records), Washington town (4 records); and 2 more member places (see the XLSX file).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Tornado	Enhanced Fujita (F before Feb 2007)	7, 1955 to 2022	F/EF0 to F/EF2 (median F/EF1); 7 with a recorded value	F2 tornado, 1962-07-09, 3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide, \$2,500 property; crops not recorded (1962 dollars)	Tornado, 1999-08-13, \$100,000 property; crops not reported (1999 dollars)	No event record names a member place.	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)	0					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)	180, 1996 to 2026 (180 zone-level)		No damage reported in 180 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	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

33

Counted incidents

26

No county-level plan row in FEMA data, so there is no approval date to count from.

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
2024-07-10	2024-04-03	DR-4799-NH	Major disaster	SEVERE WINTER STORM AND FLOODING	Winter Weather (primary); also designated: Inland Flooding	none found	within last 5 years	
2023-09-14	2023-07-09	DR-4740-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$7,135,955.97	within last 5 years	
2021-10-04	2021-07-29	DR-4624-NH	Major disaster	SEVERE STORM AND FLOODING	Inland Flooding	\$8,495,767.96	within last 5 years	
2020-04-03	2020-01-20	DR-4516-NH	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$722,401.71		
2020-03-13	2020-01-20	EM-3445-NH	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4516
2018-01-02	2017-10-29	DR-4355-NH	Major disaster	SEVERE STORM AND FLOODING	Inland Flooding	\$120,040.74		
2013-08-02	2013-06-26	DR-4139-NH	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado	\$665,797.02		
2013-03-19	2013-02-08	DR-4105-NH	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$106,020.87		
2012-11-28	2012-10-26	DR-4095-NH	Major disaster	HURRICANE SANDY	Hurricane	\$9,226.88		
2012-10-30	2012-10-26	EM-3360-NH	Emergency	HURRICANE SANDY	Hurricane	\$10,940.67		same incident as DR-4095
2011-11-01	2011-10-29	EM-3344-NH	Emergency	SEVERE STORM	Hazard not mapped (severe storm title names no single hazard); not counted	none found		
2011-09-03	2011-08-26	DR-4026-NH	Major disaster	TROPICAL STORM IRENE	Hurricane	\$601,906.28		
2011-08-27	2011-08-26	EM-3333-NH	Emergency	HURRICANE IRENE	Hurricane	none found		same incident as DR-4026
2010-03-29	2010-02-23	DR-1892-NH	Major disaster	SEVERE WINTER STORM	Winter Weather	\$86,620.33		
2009-01-02	2008-12-11	DR-1812-NH	Major disaster	SEVERE WINTER STORM	Ice Storm	\$478,420.77		
2008-12-13	2008-12-11	EM-3297-NH	Emergency	SEVERE WINTER STORM	Winter Weather	none found		same incident as DR-1812
2007-04-27	2007-04-15	DR-1695-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$951,673.53		
2005-10-26	2005-10-07	DR-1610-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,594,333.65		
2005-09-19	2005-08-29	EM-3258-NH	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2005-04-28	2005-03-11	EM-3211-NH	Emergency	RECORD SNOW	Winter Weather	\$61,297.71		
2005-03-30	2005-02-10	EM-3208-NH	Emergency	RECORD SNOW	Winter Weather	\$64,156.53		
2005-03-30	2005-01-22	EM-3207-NH	Emergency	RECORD AND/OR NEAR RECORD SNOW	Winter Weather	\$46,064.54		
2004-01-15	2003-12-06	EM-3193-NH	Emergency	SNOW	Winter Weather	\$80,981.22		
2003-09-12	2003-07-21	DR-1489-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$81,984.07		
1998-07-02	1998-06-12	DR-1231-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding; Winter Weather	none found		
1998-01-15	1998-01-07	DR-1199-NH	Major disaster	SEVERE ICE STORM, RAINS AND HIGH WINDS	Ice Storm; Strong Wind	none found		
1996-10-29	1996-10-20	DR-1144-NH	Major disaster	FALL NORTHEASTER RAINSTORM	Inland Flooding	none found		
1996-01-03	1995-10-20	DR-1077-NH	Major disaster	EXCESSIVE RAINFALL, HIGH WINDS, AND FLOODING	Inland Flooding (primary); also designated: Strong Wind	none found		
1993-03-16	1993-03-13	EM-3101-NH	Emergency	BLIZZARDS, HIGH WINDS & RECORD SNOWFALL	Winter Weather	none found		
1990-08-29	1990-08-07	DR-876-NH	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1987-04-16	1987-03-30	DR-789-NH	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1986-08-27	1986-07-29	DR-771-NH	Major disaster	SEVERE STORMS, FLOODING	Inland Flooding	none found		
1973-07-11	1973-07-11	DR-399-NH	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	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
1953-07-02	1953-07-02	DR-11-NH	Major disaster	FOREST FIRE	Wildfire		

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

SOURCE

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	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	22			2	0		1996 to 2026-06-30	Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.
Drought	19			8	0		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	52			13	0		1955 to 2026-06-30	
Heat Wave	2			0	0		1996 to 2026-06-30	
Hurricane	1			0	2		1996 to 2026-06-30	
Ice Storm	3			0	2		1996 to 2026-06-30	
Inland Flooding	58			19	15		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	6			0	0		1996 to 2026-06-30	
Strong Wind	202			38	2		1955 to 2026-06-30	Includes 16 High Wind records and 28 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	7			1	1		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	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	180			20	10		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
2025-11-01	Drought		\$0 property; \$0 crops, reported for the zone (2025 dollars)	0, 0	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Drought
2022-11-30	Strong Wind	48 kt (55 mph) estimated gust	\$15,000 property; \$0 crops, reported for the zone (2022 dollars)	1, 0	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties	within last 5 years	deaths or injuries recorded
2015-07-19	Thunderstorm Wind	60 kt (69 mph) estimated gust	\$0 property; \$0 crops (2015 dollars)	1, 0	PUCKERSHIRE		deaths or injuries recorded
2012-10-29	High Wind	70 kt (81 mph) measured gust	\$153,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2011-08-28	Tropical Storm		damage not reported	0, 0	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2011-06-09	Hail	2 in	\$0 property; \$0 crops (2011 dollars)	0, 0	WASHINGTON		B1-c worst recorded: Hail
2007-07-06	Lightning		\$100,000 property; \$0 crops (2007 dollars)	0, 0	SUNAPEE		B1-c worst recorded: Lightning
2005-10-08	Flood		\$3,000,000 property; \$200,000 crops, reported for the zone (2005 dollars)	2, 0	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2000-01-13	Extreme Cold/ Wind Chill		damage not reported	0, 0	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1998-01-07	Ice Storm		\$1,960,000 property; crops not reported, reported for the zone (1998 dollars)	0, 1	NWS zone NHZ007 (SULLIVAN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
1989-07-07	Thunderstorm Wind	90 kt (104 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1962-07-09	Tornado	F2, 3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$2,500 property; crops not recorded (1962 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the **XLSX** file, sheet "**B1-d Storm Events history**" (552 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.

FEMA's declaration data list no tribal or special-area declarations for this state.

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	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	2.11	event-days per year	about 2.11 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	40	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.11 cold 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 8 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. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0	event-days per year	none modeled	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI models no drought event-days here (2000 to 2025, 25.25 years; D3 and D4 only), but Storm Events has a record in 4 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out, so the two use different thresholds; read them together.
Earthquake	0.00124	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.124%			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	1.97	events per year	about 1.97 per year	Highly likely	FEMA annualized frequency (modeled)	74.9 (modeled)	1986 to 2023 (38 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
Heat Wave	2.11	event-days per year	about 2.11 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	39	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.11 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 1 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	0.0579	events per year	about 1 in 17 years	Possible	FEMA annualized frequency (modeled)	14	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	0.873	event-days per year	about 0.873 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	59	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.36	event-days per year	about 1.36 days per year	Likely	event-days in 14 of 30 years, 1996 to 2025 (46.7%)	38	1996 to 2023 (28 years)	see B1-f	NRI gives about 1.36 inland flooding event-days a year here (its annualized frequency over 28 years; not its event count divided by the years), but Storm Events has a record in only 14 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.
Landslide	1.06	events per year (modeled)	about 1.06 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	21	days per year with a strike	about 21 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.03	events per year	about 1.03 per year	Highly likely	FEMA annualized frequency (modeled)	40	1986 to 2023 (38 years)	countywide	
Tornado	0.0714	events per year	about 1 in 14 years	Possible	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)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.

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
Wildfire	0.0000143	annual probability at a location	chance a given location in the county burns in a year: 0.00143%		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)
Winter Weather	19.2	event-days per year	about 19.2 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	365	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)

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	29	30	0.967
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	126	30	4.2
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	0	30	0
Tornado	EF0-1	1996 to 2025	3	30	0.1
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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	3 of 11	10.7	13.7	14.0	Very Low 3, Not Applicable 8	
Coastal Flooding	0 of 11				Not Applicable 11	
Cold Wave	11 of 11	47.0	51.0	64.4	Relatively Moderate 10, Relatively 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	0 of 11				No Rating 11	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.
Earthquake	11 of 11	27.6	40.0	51.2	Relatively Low 5, Very Low 6	
Hail	11 of 11	43.3	47.4	57.8	Relatively Low 11	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	11 of 11	35.0	38.9	56.6	Relatively Moderate 1, Relatively Low 10	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.

Hazard	Tracts rated of all	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Hurricane	11 of 11	62.7	67.0	72.2	Relatively Low 11	
Ice Storm	11 of 11	67.8	80.1	91.2	Relatively High 2, Relatively Moderate 8, Relatively 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.
Inland Flooding	11 of 11	57.9	71.1	92.0	Relatively High 4, Relatively Moderate 7	
Landslide	11 of 11	76.6	90.0	95.7	Relatively Moderate 1, Relatively Low 8, Very Low 2	
Lightning	11 of 11	69.4	74.1	88.5	Relatively High 4, Relatively Moderate 7	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	11 of 11	51.6	60.5	71.7	Relatively Moderate 10, Relatively 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.
Tornado	11 of 11	30.0	34.9	49.5	Relatively Low 11	
Tsunami	0 of 11				Not Applicable 11	
Volcanic Activity	0 of 11				Not Applicable 11	
Wildfire	11 of 11	48.8	59.6	63.8	Very Low 11	
Winter Weather	11 of 11	64.8	71.1	80.6	Relatively High 1, Relatively Moderate 10	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
Claremont city	City	Approved, expires 2027-03-20	FMA RL 0, SRL 0; any 2	\$1,359,302.52	55; 4	Includes \$197,533.09 for declarations not counted as hazard incidents (DR-4516-NH).
Acworth town	Town	Approved, expires 2030-09-15	FMA RL 0, SRL 0; any 0	\$11,340,168.16	3; 0	
Charlestown town	Town	Approved, expires 2031-08-11	FMA RL 0, SRL 0; any 0	\$523,247.45	16; not yet covered	
Cornish town	Town	Approved, expires 2029-03-25	FMA RL 0, SRL 0; any 0	\$160,473.72	0; 0	
Goshen town	Town	Approved, expires 2026-12-20	FMA RL 0, SRL 0; any 0	\$1,165,897.05	4; 0	

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
Grantham town	Town	Approved, expires 2031-08-11	FMA RL 0, SRL 0; any 0	\$64,078.49	6; not yet covered	
Langdon town	Town	Approved, expires 2031-04-15	FMA RL 0, SRL 0; any 0	\$114,289.01	13; 0	
Lempster town	Town	Approved, expires 2030-07-23	FMA RL 0, SRL 0; any 0	\$1,024,815.36	13; 0	
Newport town	Town	Approved, expires 2027-03-03	FMA RL 0, SRL 0; any 1	\$804,324.94	14; 3	Includes \$68,795.92 for declarations not counted as hazard incidents (DR-4516-NH).
Plainfield town	Town	Approved, expires 2029-10-03	FMA RL 0, SRL 0; any 0	\$295,617.64	8; 0	
Springfield town	Town	Approved, expires 2031-04-15	FMA RL 0, SRL 0; any 0	\$102,006.73	1; 0	
Sunapee town	Town	Approved, expires 2027-07-21	FMA RL 0, SRL 0; any 0	\$637,866	16; 2	
Unity town	Town	Approved, expires 2030-07-23	FMA RL 0, SRL 0; any 0	\$1,727,915.05	11; 0	Includes \$3,757.32 for declarations not counted as hazard incidents (DR-4516-NH).
Washington town	Town	Approved, expires 2027-01-17	FMA RL 0, SRL 0; any 0	\$1,446,714.73	10; 2	

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.

No county-level plan row in FEMA data, so there is no approval date to count from.

- 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 <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
Avalanche	\$0		under 1	\$0		\$80					building exposure is 0 in NRI
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$8,176,774,187	\$24,852,693	43,048	\$71	\$4,492	\$678,209	under 0.0001%				
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$14,157,455,133		43,063	\$201,797		\$33,381	0.00143%				
Hail	\$8,176,777,606	\$24,852,693	43,048	\$2,636	\$3,496	\$71,380	under 0.0001%				
Heat Wave	\$8,176,774,187	\$24,852,693	43,048	under \$1	\$14,038	\$347,235	under 0.0001%				
Hurricane	\$8,171,994,294	\$24,852,298	43,024	\$494,830	\$41,323	\$25,154	0.00606%				
Ice Storm	\$8,176,774,187		43,048	\$221,775		\$11,022	0.00271%				
Inland Flooding	\$8,127,710,599	\$4,447,423	1,401	\$11,448,550	\$15,660	\$238,238	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	\$526,660,089		2,893	\$6,074		\$8,206	0.00115%				
Lightning	\$8,176,777,606		43,048	\$18,561		\$305,091	0.000227%				
Strong Wind	\$8,176,777,606	\$24,852,693	43,048	\$55,721	\$871	\$238,868	0.000681%				
Tornado	\$8,176,777,606	\$24,852,693	43,048	\$152,806	\$213	\$229,654	0.00187%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$4,502,413,569	\$16,837,808	24,826	\$5,184	\$2	\$649	0.000115%				
Winter Weather	\$8,176,774,187	\$24,852,693	43,048	\$30,799	\$24	\$46,529	0.000377%				

Totals since the plan: not available. No county-level plan row in FEMA data, so there is no approval date to count from.

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	43,048
Building value (total, not at risk)	\$8,176,777,606
Agriculture value (total, not at risk)	\$24,852,693
NRI risk rating (all hazards)	Very Low
Expected annual loss, buildings and agriculture, all hazards	\$12,718,925
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$2,233,697
Social vulnerability rating	Very Low
Community resilience rating	Relatively 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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	3	Severe repetitive loss, NFIP insurance definition	0

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 total and NFIP communities

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	0	0	3	0	3	0	0
CLAREMONT, CITY OF	0	0	2	0	2	0	0
NEWPORT, TOWN OF	0	0	1	0	1	0	0

SOURCESFEMA, 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
Claremont city	330154	0	0	2	0	2	0	0	
Acworth town	330152	0	0	0	0	0	0	0	
Charlestown town	330153	0	0	0	0	0	0	0	
Cornish town	330155	0	0	0	0	0	0	0	
Goshen town	330157	0	0	0	0	0	0	0	
Grantham town	330158	0	0	0	0	0	0	0	
Langdon town	330159	0	0	0	0	0	0	0	
Lempster town	330160	0	0	0	0	0	0	0	
Newport town	330161	0	0	1	0	1	0	0	
Plainfield town	330162	0	0	0	0	0	0	0	
Springfield town	330163	0	0	0	0	0	0	0	
Sunapee town	330164	0	0	0	0	0	0	0	
Unity town	330165	0	0	0	0	0	0	0	
Washington town	330166	0	0	0	0	0	0	0	

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.

SOURCESFEMA, 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	0	0	1	0	1	0	0
2 to 4 unit residential	0	0	0	0	0	0	0

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>
other residential	0	0	0	0	0	0	0
non-residential	0	0	2	0	2	0	0
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 fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) 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 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 3 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_Gaz_place_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_Gaz_elsd_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

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).

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.

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). Sullivan County, NH: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 33019). Preview: automated baseline. 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: 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_NH_33019. Preview: automated baseline.