

Horry County, SC

Risk-assessment baseline packet

Unit **County area 45051** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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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	Approved, expires 2031-05-11	Plan	Horry County (FEMA plan 111624)
Approved	2026-05-12	Expires	2031-05-11
As of	2026-09-28	Days	1,686 days to expiry

What changed since your last plan (approved 2026-05-12)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	2 (data through 2026-06-30)
Repetitive loss now	FMA RL 140, SRL 218 (44 CFR 77.2); any definition: 1,093	Repeat-flood change	First release: no prior release to compare.

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: 15 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
Horry County (unincorporated area)	Unincorporated	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		
Atlantic Beach town	Town	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-07-07
Aynor town	Town	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-04
Briarcliffe Acres town	Town	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-05-26
Conway city	City	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-04
Loris city	City	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-04
Myrtle Beach city	City	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-05-26
North Myrtle Beach city	City	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-04
Surfside Beach town	Town	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-25
Horry County School District	School/School District	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-25
Bucksport Water System	Water/Sewer Authority	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-05-26
Coastal Carolina University	College/University	No approved plan on record. Approvable pending adoption, not yet eligible	none	none	none		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Grand Strand Water & Sewer	Water/Sewer Authority	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-04
Horry Electrical Coop	Electric/Power Authority	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-06-04

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Murrells Inlet Garden City Fire District	Fire/EMS District	Approved, expires 2031-05-11	Horry County (FEMA plan 111624)	2026-05-12	2031-05-11	1,686		member approved 2026-05-26

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 (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
1	Hurricane	Very High	Very High	\$185,772,714	\$1,444,729	\$13,253,709	\$200,471,152	12		
2	Inland Flooding	Relatively Moderate	Relatively Moderate	\$38,035,505	\$101,638	\$2,121,342	\$40,258,485	137		
3	Earthquake	Relatively Moderate	Relatively Moderate	\$10,042,557		\$4,987,540	\$15,030,097			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
4	Tornado	Relatively High	Relatively High	\$5,223,522	\$2,744	\$9,063,853	\$14,290,119	33		
5	Cold Wave	Relatively Moderate	Relatively High	\$23,961	\$41,686	\$4,981,984	\$5,047,631	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$430	\$287	\$5,014,026	\$5,014,743	3		
7	Coastal Flooding	Relatively High	Relatively High	\$3,668,442		\$286,062	\$3,954,504	11		
8	Lightning	Relatively High	Relatively High	\$364,417		\$1,382,510	\$1,746,927	46		
9	Strong Wind	Relatively High	Relatively Moderate	\$246,008	\$114,137	\$1,083,627	\$1,443,773	331		Includes 2 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.

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
10	Wildfire	Relatively Moderate	Relatively Moderate	\$990,598	\$335	\$150,243	\$1,141,175	1		
11	Ice Storm	Relatively High	Relatively High	\$896,499		\$152,731	\$1,049,231	0		Declared 2 times; no Storm Events record of this type.
12	Winter Weather	Relatively High	Relatively High	\$77,017	\$83	\$583,462	\$660,562	9		
13	Hail	Relatively Low	Relatively Low	\$53,156	\$22,613	\$100,528	\$176,297	325		
14	Drought	Relatively Low	Relatively Low		\$109,914		\$109,914	1		
15	Landslide	Very Low	Very Low	\$562		\$1	\$563	0		Declared 1 time; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	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 77
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.	61 of 77
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	44 of 77
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.	77 of 77
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77
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.	77 of 77
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77
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.	77 of 77
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.	58 of 77
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77
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.	77 of 77
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 77
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 77
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.	76 of 77
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	77 of 77

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)	11, 1998 to 2022 (9 zone-level)		No damage reported in 11 records.		No event record names a member place. Zone-level records (9) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					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	1, 2011 to 2011 (1 zone-level)	31 days; 1 with a recorded value	31 days (1 month), 2011-07-01 to 2011-07-31, 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)	347, 1956 to 2026	0.75 in to 4.5 in (median 1 in); 347 with a recorded value	4.5 in hail, 2011-05-10; same size also recorded on 2011-05-10	Hail, 1997-06-03, property not reported; \$500,000 crops (1997 dollars)	Event records naming member places: Conway city (39 records), Loris city (24 records), Myrtle Beach city (22 records), Aynor town (9 records), North Myrtle Beach city (6 records), Surfside Beach town (6 records).	
Excessive Heat, Heat	heat index (narratives)	3, 2011 to 2015 (3 zone-level)	2 days to 13 days (median 4 days); 3 with a recorded value	13 consecutive days, 2015-06-14 to 2015-06-26, 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.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	12, 2013 to 2024 (12 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Hurricane (Typhoon) record, 2016-10-08 to 2016-10-25, category 1, \$67,000,000 property; \$0 crops, reported for the zone (2016 dollars); NWS zone SCZ054 (COASTAL Horry), 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)	0					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)	137, 1996 to 2025		Flood, 2015-10-04, \$10,000,000 property; \$0 crops (2015 dollars)		Event records naming member places: Myrtle Beach city (12 records), Aynor town (7 records), Conway city (7 records), North Myrtle Beach city (7 records), Loris city (6 records), Surfside Beach town (3 records), Atlantic Beach town (1 record).	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)	46, 1996 to 2026		Lightning, 1998-08-16, damage not reported, 1 direct death, 1 direct injury	Lightning, 2023-07-05, \$5,000,000 property; \$0 crops (2023 dollars)	Event records naming member places: Myrtle Beach city (8 records), Conway city (5 records), Loris city (3 records).	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)	4, 2018 to 2024 (4 zone-level)	42 kt (48 mph) to 52 kt (60 mph) (median 46.5 kt (54 mph)); 4 with a recorded value	52 kt (60 mph) estimated gust, High Wind, 2022-03-12; NWS zone SCZ054 (COASTAL HORRY), zone-level: may include parts of neighboring counties	High Wind, 2024-04-11, \$20,000 property; \$0 crops, reported for the zone (2024 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	405, 1956 to 2026	39 kt (45 mph) to 95 kt (109 mph) (median 52 kt (60 mph)); 333 with a recorded value	95 kt (109 mph) estimated gust, Thunderstorm Wind, 2007-08-10, 7 direct injuries	Thunderstorm Wind, 2005-05-20, \$1,200,000 property; crops not reported (2005 dollars)	Event records naming member places: Conway city (37 records), Aynor town (23 records), Myrtle Beach city (20 records), Loris city (18 records), North Myrtle Beach city (6 records), Surfside Beach town (4 records).	

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)	60, 1955 to 2023	F/EF0 to F/EF3 (median F/EF1); 59 with a recorded value	F3 tornado, 1965-08-17, 0.3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 50 yd wide, \$250,000 property; crops not recorded (1965 dollars), 46 direct injuries	Tornado, 2001-07-06, \$8,000,000 property; crops not reported (2001 dollars)	Event records naming member places: Myrtle Beach city (4 records), Aynor town (3 records), Conway city (3 records), Loris city (2 records), North Myrtle Beach city (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, 2021 to 2021 (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)	9, 2014 to 2026 (9 zone-level)		No damage reported in 9 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.

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 rows34

Counted incidents22

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
2026-01-23	2026-01-21	EM-3632-SC	Emergency	SEVERE WINTER STORM	Winter Weather	none found	during plan review, check whether your last plan included it; within last 5 years	
2025-03-07	2025-03-01	FM-5554-SC	Fire management	COVINGTON DRIVE FIRE	Wildfire	none found	within last 5 years	
2024-09-29	2024-08-04	DR-4835-SC	Major disaster	TROPICAL STORM DEBBY	Hurricane (primary); also designated: Inland Flooding, Tornado	\$2,202,981.68	within last 5 years	
2024-09-26	2024-09-25	EM-3619-SC	Emergency	HURRICANE HELENE	Hurricane (primary); also designated: Inland Flooding, Landslide, Tornado	none found	within last 5 years	
2024-08-05	2024-08-04	EM-3606-SC	Emergency	HURRICANE DEBBY	Hurricane (primary); also designated: Inland Flooding	none found	within last 5 years	same incident as DR-4835
2023-08-31	2023-08-29	EM-3597-SC	Emergency	HURRICANE IDALIA	Hurricane (primary); also designated: Inland Flooding	\$484,878.96	within last 5 years	
2022-11-21	2022-09-25	DR-4677-SC	Major disaster	HURRICANE IAN	Hurricane	\$3,547,463.57	within last 5 years	
2022-09-29	2022-09-25	EM-3585-SC	Emergency	HURRICANE IAN	Hurricane	none found	within last 5 years	same incident as DR-4677
2020-03-27	2020-01-20	DR-4492-SC	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$13,949,138.43		
2020-03-13	2020-01-20	EM-3470-SC	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4492
2019-09-30	2019-08-31	DR-4464-SC	Major disaster	HURRICANE DORIAN	Hurricane	\$2,101,969.38		
2019-09-01	2019-08-31	EM-3421-SC	Emergency	HURRICANE DORIAN	Hurricane	none found		same incident as DR-4464
2018-09-16	2018-09-08	DR-4394-SC	Major disaster	HURRICANE FLORENCE	Hurricane	\$19,201,666.34		
2018-09-10	2018-09-08	EM-3400-SC	Emergency	HURRICANE FLORENCE	Hurricane	none found		same incident as DR-4394
2017-10-16	2017-09-06	DR-4346-SC	Major disaster	HURRICANE IRMA	Hurricane	\$82,888.82		
2017-09-07	2017-09-06	EM-3386-SC	Emergency	HURRICANE IRMA	Hurricane	none found		same incident as DR-4346
2016-10-11	2016-10-04	DR-4286-SC	Major disaster	HURRICANE MATTHEW	Hurricane	\$28,661,873.18		
2016-10-06	2016-10-04	EM-3378-SC	Emergency	HURRICANE MATTHEW	Hurricane	none found		same incident as DR-4286
2015-10-05	2015-10-01	DR-4241-SC	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,849,786		
2015-10-03	2015-10-01	EM-3373-SC	Emergency	SEVERE STORMS AND FLOODING	Inland Flooding	none found		same incident as DR-4241
2014-03-12	2014-02-10	DR-4166-SC	Major disaster	SEVERE WINTER STORM	Ice Storm	\$3,270,700.98		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Notes
						<i>federal share obligated, nominal dollars</i>	Flags	
2014-02-12	2014-02-10	EM-3369-SC	Emergency	SEVERE WINTER STORM	Ice Storm	none found		same incident as DR-4166
2009-04-23	2009-04-23	FM-2816-SC	Fire management	HIGHWAY 31 FIRE	Wildfire	none found		
2005-09-10	2005-08-29	EM-3233-SC	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2004-10-07	2004-09-06	DR-1566-SC	Major disaster	TROPICAL STORM FRANCES	Hurricane	PA not declared for this county		
2004-09-01	2004-08-14	DR-1543-SC	Major disaster	HURRICANE CHARLEY	Hurricane	\$892,721.24		
2004-02-13	2004-01-26	DR-1509-SC	Major disaster	SEVERE ICE STORM	Ice Storm	\$548,077.64		
2002-06-18	2002-06-17	FM-2426-SC	Fire management	SC-LEGENDS FIRE	Wildfire	none found		
2001-11-09	2001-11-07	FM-2388-SC	Fire management	SC - LONG BAY FIRE - 11/09/2001	Wildfire	none found		
1999-09-21	1999-09-14	DR-1299-SC	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$4,946,034.30		
1999-09-15	1999-09-14	EM-3145-SC	Emergency	HURRICANE FLOYD EMERGENCY DECLARATIONS	Hurricane	none found		same incident as DR-1299
1998-09-04	1998-08-25	DR-1243-SC	Major disaster	HURRICANE BONNIE	Hurricane	none found		
1996-09-30	1996-09-05	DR-1140-SC	Major disaster	SEVERE WINDS AND FLOODING ASSOC WITH HURRICANE FRAN	Inland Flooding (primary); also designated: Hurricane	none found		
1989-09-22	1989-09-21	DR-843-SC	Major disaster	HURRICANE HUGO	Hurricane	none found		

School districts and special districts in this county: \$6,212,575.13 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county); do not add this line to the county total.

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
1955-08-20	1955-08-20	DR-44-SC	Major disaster	HURRICANES	Hurricane (primary); also designated: Inland Flooding		
1954-10-17	1954-10-17	DR-29-SC	Major disaster	HURRICANE	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.

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 <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	11	0	0	3	0	0	1996 to 2026-06-30	
Cold Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	1	0	0	0	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	347	0	1	23	0	0	1955 to 2026-06-30	
Heat Wave	3	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	12	0	0	3	14	0	1996 to 2026-06-30	
Ice Storm	0	0	0	0	2	0	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
Inland Flooding	137	0	6	43	5	0	1996 to 2026-06-30	
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	46	0	2	9	0	0	1996 to 2026-06-30	
Strong Wind	409	2	30	74	0	0	1955 to 2026-06-30	Includes 2 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	60	0	0	5	2	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	1	0	0	0	4	0	1996 to 2026-06-30	
Winter Weather	9	0	2	5	1	0	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
2022-03-12	High Wind	52 kt (60 mph) estimated gust	\$0 property; \$0 crops, reported for the zone (2022 dollars)	0, 0	NWS zone SCZ054 (COASTAL HORRY), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2018-09-16	Flash Flood		\$10,000 property; \$0 crops (2018 dollars)	1, 0	GREEN SEA		deaths or injuries recorded
2018-09-15	Flash Flood		\$10,000 property; \$0 crops (2018 dollars)	2, 0	CAMP SWAMP		deaths or injuries recorded
2016-10-08	Hurricane (Typhoon)	category 1	\$67,000,000 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone SCZ054 (COASTAL HORRY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2015-10-04	Flood		\$10,000,000 property; \$0 crops (2015 dollars)	0, 0	SAVANNAH BLUFF to RED HILL EAST		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2015-06-14	Heat		damage not reported	0, 0	NWS zone SCZ054 (COASTAL HORRY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2011-07-01	Drought		\$0 property; crops not reported, reported for the zone (2011 dollars)	0, 0	NWS zone SCZ054 (COASTAL HORRY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
2011-05-10	Hail	4.5 in	\$55,000 property; \$0 crops (2011 dollars)	0, 0	CONWAY		B1-c worst recorded: Hail
2007-08-10	Thunderstorm Wind	95 kt (109 mph) estimated gust	\$1,000,000 property; crops not reported (2007 dollars)	0, 7	GREEN SEA		B1-c worst recorded: Thunderstorm Wind
2001-07-06	Tornado	F2, 4 mi within this county, 150 yd wide	\$8,000,000 property; crops not reported (2001 dollars)	0, 39	MYRTLE BEACH		B1-c most damaging: Tornado
1998-08-16	Lightning		damage not reported	1, 1	NIXONS XRDS		deaths or injuries recorded
1965-08-17	Tornado	F3, 0.3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 50 yd wide	\$250,000 property; crops not recorded (1965 dollars)	0, 46	location not recorded		B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,036 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	3.57	events per year at a location (modeled)	about 3.6 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	0.473	event-days per year	about 0.473 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	8.21	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	10.3	event-days per year	about 10.3 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	469	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 10.3 drought event-days a year here (its annualized frequency over 25.25 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.
Earthquake	0.00251	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.251%			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	2.69	events per year	about 2.69 per year	Highly likely	FEMA annualized frequency (modeled)	102.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	9.21	event-days per year	about 9.21 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	142	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 9.21 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 3 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	0.3	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	123	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.

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
Ice Storm	0.631	event-days per year	about 0.631 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	39	1946-12-31 to 2014-02-12 (67 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Inland Flooding	1.96	event-days per year	about 1.96 days per year	Likely	event-days in 20 of 30 years, 1996 to 2025 (66.7%)	55	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	58.9	days per year with a strike	about 58.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.83	events per year	about 2.83 per year	Highly likely	FEMA annualized frequency (modeled)	99	1986 to 2023 (38 years)	countywide	
Tornado	0.612	events per year	about 0.61 per year	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	0.00105	annual probability at a location	chance a given location in the county burns in a year: 0.105%	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	1.32	event-days per year	about 1.32 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	23.6	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.32 winter weather 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 5 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.

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	197	30	6.57
Hail	2.00 in+	1996 to 2025	11	30	0.367
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	287	30	9.57
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	29	30	0.967
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	4	30	0.133
Tornado	EF0-1	1996 to 2025	32	30	1.07
Tornado	EF2-3	1996 to 2025	1	30	0.0333

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
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 77				Not Applicable 77	
Coastal Flooding	61 of 77	70.2	82.0	99.7	Very High 1, Relatively High 6, Relatively Moderate 14, Relatively Low 29, Very Low 11, No Rating 16	
Cold Wave	77 of 77	19.7	57.5	78.2	Relatively High 1, Relatively Moderate 59, Relatively 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.
Drought	44 of 77	68.2	74.4	91.1	Relatively Low 17, Very Low 27, No Rating 33	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	77 of 77	64.2	80.1	89.4	Relatively High 1, Relatively Moderate 47, Relatively Low 29	
Hail	77 of 77	8.9	33.5	46.5	Relatively Low 16, Very Low 61	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	77 of 77	4.4	68.6	89.0	Relatively High 5, Relatively Moderate 55, Relatively Low 16, 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.
Hurricane	77 of 77	93.9	98.6	100.0	Very High 57, Relatively High 20	
Ice Storm	77 of 77	48.4	77.9	92.0	Relatively High 4, Relatively Moderate 53, Relatively Low 20	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	77 of 77	0.9	44.5	92.4	Relatively High 5, Relatively Moderate 31, Relatively Low 32, Very Low 9	
Landslide	58 of 77	10.4	46.6	85.5	Relatively Low 1, Very Low 57, No Rating 19	
Lightning	77 of 77	15.6	73.9	94.4	Relatively High 30, Relatively Moderate 45, Relatively Low 1, 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.

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Strong Wind	77 of 77	12.7	55.7	80.1	Relatively Moderate 43, Relatively Low 33, 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.
Tornado	77 of 77	33.5	73.1	97.4	Very High 3, Relatively High 34, Relatively Moderate 39, Relatively Low 1	
Tsunami	0 of 77				Insufficient Data 77	
Volcanic Activity	0 of 77				Not Applicable 77	
Wildfire	76 of 77	30.0	85.5	93.4	Relatively Moderate 25, Relatively Low 43, Very Low 8, No Rating 1	
Winter Weather	77 of 77	27.6	79.4	94.6	Relatively High 42, Relatively Moderate 34, 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.

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
Horry County (unincorporated area)	Unincorporated	Approved, expires 2031-05-11	FMA RL 111, SRL 145; any 577	\$25,759,640.21	0; 0	Includes \$1,430,173.71 for declarations not counted as hazard incidents (DR-4492-SC).
Atlantic Beach town	Town	Approved, expires 2031-05-11	FMA RL 0, SRL 0; any 0	\$32,150.01	1; 0	
Aynor town	Town	Approved, expires 2031-05-11	FMA RL 1, SRL 0; any 1	\$63,122.56	42; 0	
Briarcliffe Acres town	Town	Approved, expires 2031-05-11	FMA RL 0, SRL 0; any 0	\$535,493.95	0; 0	
Conway city	City	Approved, expires 2031-05-11	FMA RL 11, SRL 10; any 65	\$5,681,234.03	91; 0	Includes \$48,820.84 for declarations not counted as hazard incidents (DR-4492-SC).
Loris city	City	Approved, expires 2031-05-11	FMA RL 1, SRL 1; any 11	\$1,111,547.91	53; 0	
Myrtle Beach city	City	Approved, expires 2031-05-11	FMA RL 2, SRL 7; any 50	\$5,263,325.11	66; 0	

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>	
North Myrtle Beach city	City	Approved, expires 2031-05-11	FMA RL 14, SRL 51; any 364	\$2,942,039.42	20; 0	
Surfside Beach town	Town	Approved, expires 2031-05-11	FMA RL 0, SRL 4; any 23	\$8,732,520.94	13; 0	

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.

- 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 2026-05-12 <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											Not Applicable in NRI for this county
Coastal Flooding	\$11,324,863,567		30,387	\$3,668,442		\$286,062	0.0324%				
Cold Wave	\$72,461,926,034	\$113,087,996	348,574	\$23,961	\$41,686	\$4,981,984	under 0.0001%				
Drought		\$70,761,458			\$109,914		0.155% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$122,281,921,039		351,029	\$10,042,557		\$4,987,540	0.00821%				

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 2026-05-12 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Hail	\$72,461,932,682	\$113,087,996	348,574	\$53,156	\$22,613	\$100,528	under 0.0001%				
Heat Wave	\$72,461,926,034	\$113,087,996	348,574	\$430	\$287	\$5,014,026	under 0.0001%				
Hurricane	\$72,460,925,136	\$113,087,996	348,572	\$185,772,714	\$1,444,729	\$13,253,709	0.256%				
Ice Storm	\$72,357,455,259		348,110	\$896,499		\$152,731	0.00124%				
Inland Flooding	\$72,313,255,753	\$3,558,904	17,791	\$38,035,505	\$101,638	\$2,121,342	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	\$64,496,755		163	\$562		\$1	0.000872%				
Lightning	\$72,461,932,682		348,574	\$364,417		\$1,382,510	0.000503%				
Strong Wind	\$72,461,932,682	\$113,087,996	348,574	\$246,008	\$114,137	\$1,083,627	0.00034%	\$0			
Tornado	\$72,461,932,682	\$113,087,996	348,574	\$5,223,522	\$2,744	\$9,063,853	0.00721%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$11,970,861,689	\$41,913,398	99,366	\$990,598	\$335	\$150,243	0.00828%				
Winter Weather	\$72,461,926,034	\$113,087,996	348,574	\$77,017	\$83	\$583,462	0.000106%				

Totals since 2026-05-12 (Storm Events through 2026-06-30): 2 county-coded records, 2 with a damage value recorded (including \$0), \$0; 0 zone-level records, 0 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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	348,574
Building value (total, not at risk)	\$72,461,932,682
Agriculture value (total, not at risk)	\$113,087,996
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$247,233,555
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)	\$43,161,618
Social vulnerability rating	Relatively High
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)	140	Severe repetitive loss, FMA definition (44 CFR 77.2)	218
Repetitive loss, NFIP insurance definition	1,065	Severe repetitive loss, NFIP insurance definition	196

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	140	218	1,065	196	1,093	31	558
HORRY COUNTY *	111	145	558	130	577	14	317
AYNOR, TOWN OF	1	0	1	0	1	0	0
CONWAY, CITY OF	11	10	64	9	65	1	19
GRAND STRAND FLOOD DISTRICT (community ID not in plan data)	0	0	1	0	1	0	0

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
LORIS, CITY OF	1	1	11	1	11	0	6
MYRTLE BEACH, CITY OF	2	7	48	5	50	6	24
NORTH MYRTLE BEACH, CITY OF	14	51	359	48	364	9	176
SURFSIDE BEACH, TOWN OF	0	4	22	3	23	1	16
Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
State level, not in this county: county not reported	0	0	2	0	2	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
Horry County (unincorporated area)	450104	111	145	558	130	577	14	317	
Atlantic Beach town	450222	0	0	0	0	0	0	0	
Aynor town	450105	1	0	1	0	1	0	0	
Briarcliffe Acres town	450232	0	0	0	0	0	0	0	
Conway city	450106	11	10	64	9	65	1	19	
Loris city	450108	1	1	11	1	11	0	6	
Myrtle Beach city	450109	2	7	48	5	50	6	24	
North Myrtle Beach city	450110	14	51	359	48	364	9	176	
Surfside Beach town	450111	0	4	22	3	23	1	16	

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	134	173	833	155	856	24	421
2 to 4 unit residential	0	11	56	10	58	2	18
other residential	2	12	114	11	115	3	88
non-residential	4	22	62	20	64	2	31
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 18 properties are FMA repetitive loss but not NFIP repetitive loss, and 943 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/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_SC_45051. Preview: automated baseline.