

Orangeburg County, SC

Risk-assessment baseline packet

Unit **County area 45075** 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

Status	Approved, expires 2027-09-25	Plan	Orangeburg County (FEMA plan 107944)
Approved	2022-09-26	Expires	2027-09-25
As of	2026-09-28	Days	362 days to expiry
Update underway	FEMA tracker shows a plan approvable pending adoption		

Not yet eligible: adopt the approved plan.

What changed since your last plan (approved 2022-09-26)

New federal declarations	EM-3585-SC, DR-4677-SC, EM-3597-SC, EM-3606-SC, EM-3619-SC, DR-4829-SC, DR-4835-SC, DR-4858-SC, EM-3632-SC (9 declaration rows; 6 counted incidents)	Storm Events records since approval	123 (data through 2026-06-30)
Repetitive loss now	FMA RL 1, SRL 0 (44 CFR 77.2); any definition: 14	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: 18 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 (approved 2022-09-26), page 1
3. Supports B1-a: hazards, page 5
4. Supports B1-b: location, page 7
5. Supports B1-c: extent, page 8
6. Supports B1-d: previous occurrences, page 11
7. Supports B1-e: probability, page 15
8. Supports B1-f: variation across the planning area, page 18
9. Supports B2-a and B2-b: assets and impacts, page 21
10. Supports B2-a: context, page 22
11. Supports B2-c: repetitive loss, page 23
12. Sources and OpenFEMA disclaimer, page 25

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
Orangeburg County (unincorporated area)	Unincorporated	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Bowman town	Town	Approved, expires 2031-08-02	Lower Savannah Regional (FEMA plan 111830)	2026-08-03	2031-08-02	1,769		Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. member approved 2026-09-02
Branchville town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18
Cope town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18
Cordova town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Ellore town	Town	Approved, expires 2031-08-02	Lower Savannah Regional (FEMA plan 111830)	2026-08-03	2031-08-02	1,769		Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. member approved 2026-09-17
Eutawville town	Town	Approved, expires 2031-08-02	Lower Savannah Regional (FEMA plan 111830)	2026-08-03	2031-08-02	1,769		Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Holly Hill town	Town	Plan 111830 approved 2026-08-03, pending adoption here; not yet eligible	Lower Savannah Regional (FEMA plan 111830), pending adoption here	2026-08-03 by FEMA; not yet adopted here	2031-08-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Livingston town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-08-18
Neeses town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18
North town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Norway town	Town	Approved, expires 2031-08-02	Lower Savannah Regional (FEMA plan 111830)	2026-08-03	2031-08-02	1,769		Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. member approved 2026-08-07
Orangeburg city	City	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18
Rowesville town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18
Santee town	Town	Approved, expires 2031-08-02	Lower Savannah Regional (FEMA plan 111830)	2026-08-03	2031-08-02	1,769		Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Springfield town	Town	Approved, expires 2027-09-25	Orangeburg County (FEMA plan 107944)	2022-09-26	2027-09-25	362	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. member approved 2023-07-18

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Vance town	Town	Approved, expires 2031-08-02	Lower Savannah Regional (FEMA plan 111830)	2026-08-03	2031-08-02	1,769		Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. member approved 2026-08-07
Woodford town	Town	Plan 111830 approved 2026-08-03, pending adoption here; not yet eligible	Lower Savannah Regional (FEMA plan 111830), pending adoption here	2026-08-03 by FEMA; not yet adopted here	2031-08-02 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings	EAL agriculture	EAL population equivalence	EAL total (see note)	Storm Events records since 1996	Evidence for an omission	Storm Events coverage note
				<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>statistical value of life and injury, \$13.7M per life, not property damage</i>	<i>modeled dollars per year</i>		<i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	
1	Hurricane	Relatively High	Relatively High	\$12,243,180	\$2,005,231	\$598,440	\$14,846,851	7		
2	Earthquake	Relatively Moderate	Relatively Moderate	\$6,018,241		\$4,691,566	\$10,709,807			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
3	Inland Flooding	Relatively Moderate	Relatively Low	\$10,455,591	\$55,685	\$54,375	\$10,565,650	77		

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
4	Cold Wave	Relatively Moderate	Relatively Moderate	\$2,861	\$66,920	\$1,654,946	\$1,724,727	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
5	Strong Wind	Relatively High	Relatively Moderate	\$157,017	\$8,957	\$1,465,361	\$1,631,334	468		Includes 7 High Wind records and 9 Strong Wind records, event types the NRI definition of this hazard leaves out.
6	Tornado	Relatively Moderate	Relatively Low	\$886,070	\$6,992	\$527,344	\$1,420,406	44		
7	Heat Wave	Relatively Moderate	Relatively Low	\$66	\$375	\$1,035,997	\$1,036,438	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Lightning	Relatively High	Relatively Moderate	\$46,706		\$587,143	\$633,849	8		
9	Ice Storm	Relatively High	Relatively Moderate	\$392,324		\$88,800	\$481,124	4		
10	Hail	Relatively Moderate	Relatively Low	\$232,580	\$34,493	\$198,512	\$465,586	169		
11	Drought	Relatively Moderate	Relatively Moderate		\$453,821		\$453,821	0		Declared 1 time; no Storm Events record of this type.
12	Wildfire	Relatively Low	Relatively Low	\$224,638	\$667	\$35,720	\$261,025	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.
13	Winter Weather	Relatively Moderate	Relatively Low	\$7,184	\$204	\$61,064	\$68,452	13		
14	Landslide	Very Low	Very Low	\$721		\$4	\$725	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).
	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.

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
	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 39
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 39
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39
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.	39 of 39
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39
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.	39 of 39
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39
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.	39 of 39
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.	39 of 39
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39
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.	39 of 39
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 39
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 39
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.	39 of 39
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 39

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	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	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	207, 1960 to 2025	0.25 in to 2.75 in (median 0.88 in); 207 with a recorded value	2.75 in hail, 2000-06-26; same size also recorded on 1998-05-17	Hail, 2011-04-16, \$40,000 property; \$12,000 crops (2011 dollars)	Event records naming member places: Orangeburg city (31 records), Branchville town (16 records), Holly Hill town (16 records), Santee town (14 records), Rowesville town (12 records), Bowman town (11 records), Springfield town (11 records), Eutawville town (8 records), Neeses town (8 records), Elloree town (7 records); and 6 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	0					Heat index: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	7, 2004 to 2024 (7 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2024-09-27, \$4,900,000 property; \$2,000,000 crops, reported for the zone (2024 dollars); NWS zone SCZ136 (CENTRAL ORANGEBURG), 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)	4, 2004 to 2014 (4 zone-level)		No damage reported in 4 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	77, 1996 to 2026		Flash Flood, 2015-10-03, \$20,000,000 property; \$10,000,000 crops (2015 dollars)		Event records naming member places: Orangeburg city (20 records), Holly Hill town (8 records), North town (7 records), Santee town (4 records), Bowman town (3 records), Eutawville town (3 records), Neeses town (3 records), Cope town (2 records), Ellore town (2 records), Norway town (2 records); and 6 more member places (see the XLSX file).	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)	8, 1996 to 2008		Lightning, 2008-07-05, \$0 property; \$0 crops (2008 dollars), 1 direct death	Lightning, 1997-07-05, \$300,000 property; \$0 crops (1997 dollars)	Event records naming member places: Orangeburg city (2 records), Bowman town (1 record), Cope town (1 record), Eutawville town (1 record), Norway town (1 record), Santee 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)	16, 2008 to 2024 (16 zone-level)	38 kt (44 mph) to 60 kt (69 mph) (median 47.5 kt (55 mph)); 16 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2014-10-14; NWS zone SCZ036 (ORANGEBURG), zone-level: may include parts of neighboring counties	High Wind, 2016-10-08, \$1,000,000 property; \$0 crops, reported for the zone (2016 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	545, 1956 to 2026	35 kt (40 mph) to 96 kt (110 mph) (median 55 kt (63 mph)); 453 with a recorded value	96 kt (110 mph) estimated gust, Thunderstorm Wind, 2019-06-20	Thunderstorm Wind, 2013-06-04, \$380,000 property; \$0 crops (2013 dollars)	Event records naming member places: Orangeburg city (72 records), North town (39 records), Bowman town (33 records), Cope town (26 records), Branchville town (24 records), Springfield town (23 records), Cordova town (20 records), Rowesville town (19 records), Norway town (18 records), Elloree town (17 records); and 7 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	75, 1953 to 2024	F/EF0 to F/EF3 (median F/EF1); 74 with a recorded value	EF3 tornado, 2020-04-13, 21.9 mi within this county, 770 yd wide, damage not reported, 2 direct deaths, 7 direct injuries	Tornado, 1977-12-05, \$2,500,000 property; crops not recorded (1977 dollars)	Event records naming member places: Branchville town (7 records), Orangeburg city (6 records), Rowesville town (5 records), Bowman town (4 records), Cope town (4 records), Holly Hill town (3 records), Neeses town (2 records), Springfield town (2 records), Vance town (2 records), Woodford town (2 records); and 4 more member places (see the XLSX file).	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)	13, 2002 to 2026 (13 zone-level)		No damage reported in 13 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/>

Supports B1-d: previous occurrences

Declaration rows31

Counted incidents19

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	new since last plan; within last 5 years	
2025-01-10	2024-11-06	DR-4858-SC	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,761,953.64	new since last plan; 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	\$495,854.27	new since last plan; within last 5 years	
2024-09-29	2024-09-25	DR-4829-SC	Major disaster	HURRICANE HELENE	Hurricane (primary); also designated: Inland Flooding, Landslide, Tornado	\$903,910.66	new since last plan; 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	new since last plan; within last 5 years	same incident as DR-4829
2024-08-05	2024-08-04	EM-3606-SC	Emergency	HURRICANE DEBBY	Hurricane (primary); also designated: Inland Flooding	none found	new since last plan; 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	none found	new since last plan; within last 5 years	
2022-11-21	2022-09-25	DR-4677-SC	Major disaster	HURRICANE IAN	Hurricane	none found	new since last plan; within last 5 years	
2022-09-29	2022-09-25	EM-3585-SC	Emergency	HURRICANE IAN	Hurricane	none found	new since last plan; within last 5 years	same incident as DR-4677
2020-05-01	2020-04-12	DR-4542-SC	Major disaster	SEVERE STORMS, TORNADOES, AND STRAIGHT-LINE WINDS	Strong Wind; Tornado	\$254,695.97		
2020-03-27	2020-01-20	DR-4492-SC	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$3,011,542.03		
2020-03-13	2020-01-20	EM-3470-SC	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4492
2019-09-01	2019-08-31	EM-3421-SC	Emergency	HURRICANE DORIAN	Hurricane	none found		
2018-09-16	2018-09-08	DR-4394-SC	Major disaster	HURRICANE FLORENCE	Hurricane	\$116,597.89		
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	\$17,689		
2017-09-07	2017-09-06	EM-3386-SC	Emergency	HURRICANE IRMA	Hurricane	none found		same incident as DR-4346

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2016-10-11	2016-10-04	DR-4286-SC	Major disaster	HURRICANE MATTHEW	Hurricane	\$2,280,077.55		
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	\$1,018,826.19		
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	\$1,739,195.56		
2014-02-12	2014-02-10	EM-3369-SC	Emergency	SEVERE WINTER STORM	Ice Storm	none found		same incident as DR-4166
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		
2004-02-13	2004-01-26	DR-1509-SC	Major disaster	SEVERE ICE STORM	Ice Storm	\$1,554,809.94		
2000-01-31	2000-01-22	DR-1313-SC	Major disaster	SEVERE WINTER STORM	Winter Weather	\$5,849.57		
1999-09-21	1999-09-14	DR-1299-SC	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$35,665.10		
1999-09-15	1999-09-14	EM-3145-SC	Emergency	HURRICANE FLOYD EMERGENCY DECLARATIONS	Hurricane	none found		same incident as DR-1299
1990-10-22	1990-10-11	DR-881-SC	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	PA not declared for this county		
1989-09-22	1989-09-21	DR-843-SC	Major disaster	HURRICANE HUGO	Hurricane	none found		
1977-08-04	1977-08-04	EM-3047-SC	Emergency	DROUGHT	Drought	none found		

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

SOURCES

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

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

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

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	207	10	5	15	0	0	1955 to 2026-06-30	
Heat Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Hurricane	7	3	0	3	10	4	1996 to 2026-06-30	
Ice Storm	4	0	0	0	2	0	1996 to 2026-06-30	
Inland Flooding	77	43	3	46	6	4	1996 to 2026-06-30	
Landslide	0	0	0	0	1	1	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	8	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	561	56	35	91	1	0	1955 to 2026-06-30	Includes 7 High Wind records and 9 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	75	6	3	9	3	2	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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	13	5	1	6	2	1	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
2024-11-07	Flood		\$0 property; \$0 crops (2024 dollars)	2, 0	ORANGEBURG ARPT	new since last plan; within last 5 years	deaths or injuries recorded
2024-09-27	Tropical Storm		\$4,900,000 property; \$2,000,000 crops, reported for the zone (2024 dollars)	0, 0	NWS zone SCZ136 (CENTRAL ORANGEBURG), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2020-04-13	Tornado	EF3, 21.9 mi within this county, 770 yd wide	damage not reported	2, 7	SPRINGFIELD to WOLFTON		deaths or injuries recorded
2019-07-13	Thunderstorm Wind	50 kt (58 mph) estimated gust	damage not reported	1, 0	SANTEE		deaths or injuries recorded
2019-06-20	Thunderstorm Wind	96 kt (110 mph) estimated gust	damage not reported	0, 0	CORDOVA to ORANGEBURG ARPT		B1-c worst recorded: Thunderstorm Wind
2016-10-08	High Wind	56 kt (64 mph) estimated gust	\$1,000,000 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone SCZ036 (ORANGEBURG), zone-level: may include parts of neighboring counties		B1-c most damaging: High Wind and Strong Wind (outside NRI Strong Wind definition)
2015-10-03	Flash Flood		\$20,000,000 property; \$10,000,000 crops (2015 dollars)	0, 0	EUTAWVILLE to HOLLY HILL		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2014-10-14	High Wind	60 kt (69 mph) estimated gust	\$18,000 property; \$0 crops, reported for the zone (2014 dollars)	0, 0	NWS zone SCZ036 (ORANGEBURG), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2013-06-04	Thunderstorm Wind	80 kt (92 mph) estimated gust	\$380,000 property; \$0 crops (2013 dollars)	0, 0	BOWMAN to WELLS		B1-c most damaging: Thunderstorm Wind
2008-07-05	Lightning		\$0 property; \$0 crops (2008 dollars)	1, 0	EUTAWVILLE		B1-c worst recorded: Lightning
2000-06-26	Hail	2.75 in	damage not reported	0, 0	BRANCHVILLE		B1-c worst recorded: Hail
1977-12-05	Tornado	F1, 9.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 130 yd wide	\$2,500,000 property; crops not recorded (1977 dollars)	0, 7	location not recorded		B1-c most damaging: Tornado

The full list is in the **XLSX file, sheet "B1-d Storm Events history" (952 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		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0.21	event-days per year	about 0.21 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	4	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	13.7	event-days per year	about 13.7 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	525	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.00493	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.493%			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	3.48	events per year	about 3.48 per year	Highly likely	FEMA annualized frequency (modeled)	132.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5	event-days per year	about 5 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	77	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Hurricane	0.247	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	98	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	1.08	event-days per year	about 1.08 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	73	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.08 ice storm event-days a year here (its annualized frequency over 67 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.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Inland Flooding	0.786	event-days per year	about 0.786 days per year	Likely	event-days in 13 of 30 years, 1996 to 2025 (43.3%)	22	1996 to 2023 (28 years)	see B1-f	
Landslide	0.274	events per year (modeled)	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	62.9	days per year with a strike	about 62.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	4.71	events per year	about 4.71 per year	Highly likely	FEMA annualized frequency (modeled)	179	1986 to 2023 (38 years)	countywide	
Tornado	0.756	events per year	about 0.76 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)				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.
Wildfire	0.00102	annual probability at a location	chance a given location in the county burns in a year: 0.102%		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	1.37	event-days per year	about 1.37 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	26	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.37 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 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.

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	73	30	2.43
Hail	2.00 in+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	415	30	13.8
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	24	30	0.8
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	12	30	0.4
Tornado	EF0-1	1996 to 2025	37	30	1.23
Tornado	EF2-3	1996 to 2025	7	30	0.233
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 39				Not Applicable 39	
Coastal Flooding	0 of 39				Not Applicable 39	
Cold Wave	39 of 39	29.3	41.6	81.3	Relatively High 2, Relatively Moderate 13, Relatively Low 24	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	38 of 39	67.1	87.2	95.0	Relatively Moderate 5, Relatively Low 26, Very Low 7, No Rating 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. 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	39 of 39	69.2	81.6	96.0	Relatively High 5, Relatively Moderate 26, Relatively Low 8	
Hail	39 of 39	42.1	56.0	80.4	Relatively Moderate 10, Relatively Low 29	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	39 of 39	13.8	30.4	82.0	Relatively Moderate 11, Relatively Low 26, Very Low 2	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	39 of 39	80.5	86.9	97.0	Relatively High 15, Relatively Moderate 24	
Ice Storm	39 of 39	45.7	69.6	92.5	Relatively High 7, Relatively Moderate 13, Relatively Low 19	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	39 of 39	2.0	13.4	78.5	Relatively Moderate 9, Relatively Low 9, Very Low 21	
Landslide	39 of 39	17.6	61.5	82.4	Relatively Low 3, Very Low 36	
Lightning	39 of 39	33.9	54.1	95.8	Relatively High 12, Relatively Moderate 13, Relatively Low 14	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	39 of 39	47.2	67.8	96.7	Very High 1, Relatively High 13, Relatively Moderate 22, Relatively Low 3	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	39 of 39	24.8	36.0	67.8	Relatively Moderate 10, Relatively Low 26, Very Low 3	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Tsunami	0 of 39				Not Applicable 39	
Volcanic Activity	0 of 39				Not Applicable 39	
Wildfire	39 of 39	19.9	79.0	94.1	Relatively Moderate 3, Relatively Low 30, Very Low 6	
Winter Weather	39 of 39	27.1	37.1	74.8	Relatively Moderate 14, Relatively Low 25	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
Orangeburg County (unincorporated area)	Unincorporated	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 9	\$4,620,453.53	0; 0	Includes \$504,928.23 for declarations not counted as hazard incidents (DR-4492-SC).
Bowman town	Town	Approved, expires 2031-08-02	FMA RL 0, SRL 0; any 0	\$49,302.97	52; not yet covered	Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Branchville town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$4,032.30	48; 6	
Cope town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$3,450	38; 4	
Cordova town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$14,868.23	26; 3	
Elloree town	Town	Approved, expires 2031-08-02	FMA RL 0, SRL 0; any 0	\$31,102.19	26; not yet covered	Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Eutawville town	Town	Approved, expires 2031-08-02	FMA RL 0, SRL 0; any 0	none found	27; not yet covered	Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.

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
Holly Hill town	Town	Plan 111830 approved 2026-08-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$65,282.65	40; no approved plan	
Livingston town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$1,080	4; 2	
Neeses town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	none found	30; 3	
North town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$7,857.30	50; 6	
Norway town	Town	Approved, expires 2031-08-02	FMA RL 0, SRL 0; any 0	\$68,956.42	24; not yet covered	Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Orangeburg city	City	Approved, expires 2027-09-25	FMA RL 1, SRL 0; any 3	\$2,451,194.13	131; 9	Includes \$27,895.27 for declarations not counted as hazard incidents (DR-4492-SC).
Rowesville town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$8,704.13	38; 11	
Santee town	Town	Approved, expires 2031-08-02	FMA RL 0, SRL 0; any 0	none found	37; not yet covered	Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Springfield town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 0	\$42,180.26	37; 4	
Vance town	Town	Approved, expires 2031-08-02	FMA RL 0, SRL 0; any 0	none found	15; not yet covered	Also approved under plan 107944 (Orangeburg County, expires 2027-09-25). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Woodford town	Town	Plan 111830 approved 2026-08-03, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	12; no approved plan	

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 2022-09-26 <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											Not Applicable in NRI for this county
Cold Wave	\$19,405,633,558	\$275,463,711	84,183	\$2,861	\$66,920	\$1,654,946	under 0.0001%				
Drought		\$117,194,933			\$453,821		0.387% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$34,428,621,673		84,223	\$6,018,241		\$4,691,566	0.0175%				
Hail	\$19,405,633,558	\$275,463,711	84,183	\$232,580	\$34,493	\$198,512	0.0012%	\$600			
Heat Wave	\$19,405,633,558	\$275,463,711	84,183	\$66	\$375	\$1,035,997	under 0.0001%				
Hurricane	\$19,405,633,558	\$275,463,711	84,183	\$12,243,180	\$2,005,231	\$598,440	0.0631%		\$6,900,000	\$1,399,764.93	
Ice Storm	\$19,405,549,176		84,182	\$392,324		\$88,800	0.00202%				
Inland Flooding	\$19,392,856,171	\$4,395,527	1,356	\$10,455,591	\$55,685	\$54,375	n/a (see note)	\$710,000		\$4,161,718.57	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	\$48,174,766		174	\$721		\$4	0.0015%			\$903,910.66	
Lightning	\$19,405,633,558		84,183	\$46,706		\$587,143	0.000241%				

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 2022-09-26 <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
Strong Wind	\$19,405,633,558	\$275,463,711	84,183	\$157,017	\$8,957	\$1,465,361	0.000809%	\$10,400			
Tornado	\$19,405,633,558	\$275,463,711	84,183	\$886,070	\$6,992	\$527,344	0.00457%	\$0		\$1,399,764.93	
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$2,427,534,172	\$73,814,283	21,330	\$224,638	\$667	\$35,720	0.00925%				
Winter Weather	\$19,405,633,558	\$275,463,711	84,183	\$7,184	\$204	\$61,064	under 0.0001%			none found (1 declaration)	

Totals since 2022-09-26 (Storm Events through 2026-06-30): 110 county-coded records, 58 with a damage value recorded (including \$0), \$721,000; 13 zone-level records, 2 with a damage value recorded (including \$0), \$6,900,000 reported for the zone; Public Assistance on counted declarations \$4,161,718.57 (9 declarations, 3 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	84,183
Building value (total, not at risk)	\$19,405,633,558
Agriculture value (total, not at risk)	\$275,463,711
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$33,300,523
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)	\$10,999,271

Measure	Value
Social vulnerability rating	Very High
Community resilience rating	Relatively Moderate
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)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	14	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 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	1	0	14	0	14	0	11
ORANGEBURG COUNTY *	0	0	9	0	9	0	9
HOLLY HILL, TOWN OF	0	0	2	0	2	0	1
ORANGEBURG, CITY OF	1	0	3	0	3	0	1
State level, not in this county: county not reported	0	0	2	0	2	0	0

SOURCES
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Orangeburg County (unincorporated area)	450160	0	0	9	0	9	0	9	
Bowman town	450161	0	0	0	0	0	0	0	
Branchville town	450162	0	0	0	0	0	0	0	
Cope town	450301	0	0	0	0	0	0	0	

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
Cordova town	450302	0	0	0	0	0	0	0	
Elloree town	450279	0	0	0	0	0	0	0	
Eutawville town	450239	0	0	0	0	0	0	0	
Holly Hill town	450163	0	0	2	0	2	0	1	
Livingston town	450303	0	0	0	0	0	0	0	
Neeses town	450280	0	0	0	0	0	0	0	
North town	450281	0	0	0	0	0	0	0	
Norway town	450213	0	0	0	0	0	0	0	
Orangeburg city	450164	1	0	3	0	3	0	1	
Rowesville town	450165	0	0	0	0	0	0	0	
Santee town	450282	0	0	0	0	0	0	0	
Springfield town	450283	0	0	0	0	0	0	0	
Vance town	450284	0	0	0	0	0	0	0	
Woodford town	450304	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.

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	1	0	13	0	13	0	11
2 to 4 unit residential	0	0	1	0	1	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	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 fmaRL field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRl) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 13 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_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scscd_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). Orangeburg County, SC: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 45075). 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_SC_45075. Preview: automated baseline.