

Richland County, SC

Risk-assessment baseline packet

Unit **County area 45079** 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	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Plan	Central Midlands COG (FEMA plan 112208), pending adoption here
Approved	2026-08-31 by FEMA; not yet adopted here	Expires	2031-08-30 once adopted
As of	2026-09-28	Update underway	FEMA tracker shows a plan approvable pending adoption

Not yet eligible: adopt the approved plan.

Not yet eligible: adopt the approved plan.

What changed since your last plan

Not available. Plan 112208 was approved by FEMA on 2026-08-31 but is not yet adopted here, so no since-plan counts are given.

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

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative</i> = days since expiry	Update underway	Notes
Richland County (unincorporated area)	Unincorporated	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Arcadia Lakes town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Blythewood town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Columbia city	City	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Eastover town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Forest Acres city	City	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Irmo town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
East Richland County Public Service District	Special District	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	Central Midlands COG (FEMA plan 112208), pending adoption here	2026-08-31 by FEMA; not yet adopted here	2031-08-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
USC Columbia	College/University	Expired on 2025-02-20	University of South Carolina College HMP (FEMA plan 106098)	2020-02-21	2025-02-20	-585		

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

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

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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	Inland Flooding	Relatively High	Relatively High	\$64,761,494	\$81,910	\$9,220,051	\$74,063,455	260		
2	Hurricane	Relatively High	Relatively High	\$17,751,161	\$248,186	\$793,322	\$18,792,669	8		Includes 2 Tropical Depression records, event types the NRI definition of this hazard leaves out.
3	Tornado	Relatively High	Relatively High	\$6,087,476	\$1,258	\$6,393,755	\$12,482,488	22		
4	Earthquake	Relatively Moderate	Relatively Moderate	\$8,403,818		\$2,802,928	\$11,206,746			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$271	\$49	\$6,016,671	\$6,016,991	4		
6	Cold Wave	Relatively Moderate	Relatively High	\$13,520	\$8,064	\$3,986,241	\$4,007,825	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
7	Ice Storm	Very High	Very High	\$2,784,032		\$523,787	\$3,307,819	6		
8	Strong Wind	Relatively High	Relatively High	\$351,812	\$1,295	\$2,887,338	\$3,240,445	730		Includes 5 High Wind records and 12 Strong Wind records, event types the NRI definition of this hazard leaves out.
9	Lightning	Relatively High	Relatively High	\$230,118		\$2,100,307	\$2,330,425	24		
10	Hail	Relatively Moderate	Relatively Moderate	\$907,064	\$6,458	\$854,826	\$1,768,347	181		

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
11	Winter Weather	Relatively High	Relatively High	\$38,519	\$43	\$278,992	\$317,553	19		
12	Wildfire	Relatively Low	Relatively Low	\$153,402	\$56	\$25,073	\$178,531	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	Drought	Relatively Low	Relatively Low		\$60,960		\$60,960	0		Declared 1 time; no Storm Events record of this type.
14	Landslide	Relatively Low	Relatively Low	\$30,683		\$146	\$30,829	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.
	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 98
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 98
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	24 of 98
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.	98 of 98
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98
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.	98 of 98
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98
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.	98 of 98
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.	98 of 98
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98
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.	98 of 98
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 98
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 98
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.	96 of 98
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	98 of 98

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.

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	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)	231, 1959 to 2024	0.25 in to 3 in (median 1 in); 231 with a recorded value	3 in hail, 1988-09-25	Hail, 2011-04-16, \$12,000 property; \$0 crops (2011 dollars)	Event records naming member places: Columbia city (44 records), Blythewood town (15 records), Eastover town (11 records), Forest Acres city (7 records), Irmo town (3 records).	
Excessive Heat, Heat	heat index (narratives)	4, 2007 to 2024 (4 zone- level)	1 day; 4 with a recorded value	1 consecutive day, 2024-05-03, 1 direct death, 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	8, 2018 to 2024 (8 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, \$17,100,000 property; \$2,500,000 crops, reported for the zone (2024 dollars), 1 direct death (reported for the zone); NWS zone SCZ028 (RICHLAND), 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)	6, 2002 to 2026 (6 zone- level)		No damage reported in 6 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.

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)	260, 1996 to 2026 (1 zone-level)		Flash Flood, 2015-10-04, \$10,000,000 property; \$0 crops (2015 dollars), 2 direct deaths, 20 direct injuries		Event records naming member places: Columbia city (87 records), Forest Acres city (8 records), Eastover town (3 records), Blythewood town (1 record). Zone-level records (1) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	24, 1996 to 2025		Lightning, 2006-06-12, \$1,500,000 property; \$0 crops (2006 dollars)		Event records naming member places: Columbia city (10 records), Blythewood town (1 record), Forest Acres city (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)	17, 2008 to 2024 (17 zone-level)	30 kt (35 mph) to 52 kt (60 mph) (median 45 kt (52 mph)); 17 with a recorded value	52 kt (60 mph) estimated gust, High Wind, 2016-10-08; NWS zone SCZ028 (RICHLAND), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	824, 1956 to 2026	38 kt (44 mph) to 103 kt (119 mph) (median 55 kt (63 mph)); 729 with a recorded value	103 kt (119 mph), measurement type not recorded, Thunderstorm Wind, 1999-08-14	Thunderstorm Wind, 2011-04-05, \$900,000 property; \$0 crops (2011 dollars)	Event records naming member places: Columbia city (146 records), Eastover town (46 records), Blythewood town (33 records), Forest Acres city (19 records), Irmo town (1 record).	

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)	43, 1955 to 2026	F/EF0 to F/EF2 (median F/EF1); 40 with a recorded value	F2 tornado, 1975-11-12, 2 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 (1975 dollars), 7 direct injuries	Tornado, 1995-01-06, \$10,000,000 property; crops not recorded (1995 dollars)	Event records naming member places: Columbia city (5 records), Eastover town (2 records), Blythewood town (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	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)	19, 2002 to 2026 (19 zone-level)		No damage reported in 19 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 rows

26

Counted incidents

17

Plan 112208 was approved by FEMA on 2026-08-31 but is not yet adopted here, so no since-plan counts are given.

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>		Flags	Notes
2026-01-23	2026-01-21	EM-3632-SC	Emergency	SEVERE WINTER STORM	Winter Weather	none found		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	\$1,621,290.41		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	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		within last 5 years	
2023-08-31	2023-08-29	EM-3597-SC	Emergency	HURRICANE IDALIA	Hurricane (primary); also designated: Inland Flooding	none found		within last 5 years	
2022-11-21	2022-09-25	DR-4677-SC	Major disaster	HURRICANE IAN	Hurricane	none found		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	\$1,086,403.06			
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			
2018-09-10	2018-09-08	EM-3400-SC	Emergency	HURRICANE FLORENCE	Hurricane	none found			
2017-10-16	2017-09-06	DR-4346-SC	Major disaster	HURRICANE IRMA	Hurricane	\$91,456.72			
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	\$472,316.20			
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	\$29,612,112.41			
2015-10-03	2015-10-01	EM-3373-SC	Emergency	SEVERE STORMS AND FLOODING	Inland Flooding	none found			same incident as DR-4241
2014-02-12	2014-02-10	EM-3369-SC	Emergency	SEVERE WINTER STORM	Ice Storm	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	\$2,250,028.24			
2004-10-07	2004-09-06	DR-1566-SC	Major disaster	TROPICAL STORM FRANCES	Hurricane	PA not declared for this county			
2004-02-13	2004-01-26	DR-1509-SC	Major disaster	SEVERE ICE STORM	Ice Storm	\$536,508.19			

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						<i>federal share obligated, nominal dollars</i>			
2000-01-31	2000-01-22	DR-1313-SC	Major disaster	SEVERE WINTER STORM	Winter Weather	\$125,367.77			
1999-09-21	1999-09-14	DR-1299-SC	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$47,242.15			
1999-09-15	1999-09-14	EM-3145-SC	Emergency	HURRICANE FLOYD EMERGENCY DECLARATIONS	Hurricane	none found			same incident as DR-1299
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			

School districts and special districts in this county: \$4,199,725.38 (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)

Public Assistance filed under this county for declarations that do not list it: 1 row, \$458,299.17

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4542-SC	2020-05-01	SEVERE STORMS, TORNADOES, AND STRAIGHT-LINE WINDS	Central Electric Power Cooperative, Inc.	\$458,299.17

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

SOURCES

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

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	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		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	0			0	1		1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	231			18	0		1955 to 2026-06-30	
Heat Wave	4			1	0		1996 to 2026-06-30	
Hurricane	8			3	11		1996 to 2026-06-30	Includes 2 Tropical Depression records, event types the NRI definition of this hazard leaves out.
Ice Storm	6			2	2		1996 to 2026-06-30	
Inland Flooding	260			72	4		1996 to 2026-06-30	
Landslide	0			0	1		1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	24			5	0		1996 to 2026-06-30	
Strong Wind	841			163	0		1955 to 2026-06-30	Includes 5 High Wind records and 12 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	43			3	1		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	19			5	2		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
2024-09-27	Tropical Storm		\$17,100,000 property; \$2,500,000 crops, reported for the zone (2024 dollars)	1, 0	NWS zone SCZ028 (RICHLAND), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2024-05-03	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2024 dollars)	1, 0	NWS zone SCZ028 (RICHLAND), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2016-10-08	High Wind	52 kt (60 mph) estimated gust	\$1,000,000 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone SCZ028 (RICHLAND), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2015-10-07	Flash Flood		\$100,000 property; \$0 crops (2015 dollars)	2, 5	(MMT)MC ENTIRE ANG		deaths or injuries recorded
2015-10-04	Flash Flood		\$10,000,000 property; \$0 crops (2015 dollars)	2, 20	WOODLAND TERRACE		deaths or injuries recorded
2011-04-05	Thunderstorm Wind	85 kt (98 mph) estimated gust	\$900,000 property; \$0 crops (2011 dollars)	0, 0	WOODFIELD to EAU CLAIRE		B1-c most damaging: Thunderstorm Wind
2006-06-12	Lightning		\$1,500,000 property; \$0 crops (2006 dollars)	0, 0	COLUMBIA		B1-c worst recorded: Lightning
1999-08-14	Thunderstorm Wind	103 kt (119 mph), measurement type not recorded	property not reported; \$0 crops (1999 dollars)	0, 0	MC ENTIRE ANG		B1-c worst recorded: Thunderstorm Wind
1995-01-06	Tornado	F1, 3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$10,000,000 property; crops not recorded (1995 dollars)	0, 0	near Ballentine to Ballentine		B1-c most damaging: Tornado
1988-09-25	Hail	3 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail
1976-05-15	Tornado	F2, 3.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 40 yd wide	\$250,000 property; crops not recorded (1976 dollars)	1, 3	location not recorded		deaths or injuries recorded
1975-11-12	Tornado	F2, 2 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 (1975 dollars)	0, 7	location not recorded		B1-c worst recorded: Tornado

The full list is in the **XLSX** file, sheet "**B1-d Storm Events history**" (1,436 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	0.211	event-days per year	about 0.211 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	15.2	event-days per year	about 15.2 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	637	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.00352	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.352%			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	3.87	events per year	about 3.87 per year	Highly likely	FEMA annualized frequency (modeled)	147.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	4.37	event-days per year	about 4.37 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	67	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 4.37 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 4 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	0.192	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	74	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	1.45	event-days per year	about 1.45 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	98	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.45 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 4 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.
Inland Flooding	3.82	event-days per year	about 3.82 days per year	Likely	event-days in 26 of 30 years, 1996 to 2025 (86.7%)	107	1996 to 2023 (28 years)	see B1-f	
Landslide	0.416	events per year (modeled)	about 1 in 2 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	60.1	days per year with a strike	about 60.1 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	5.64	events per year	about 5.64 per year	Highly likely	FEMA annualized frequency (modeled)	215	1986 to 2023 (38 years)	countywide	
Tornado	0.559	events per year	about 0.56 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	0.000506	annual probability at a location	chance a given location in the county burns in a year: 0.0506%		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	1.89	event-days per year	about 1.89 days per year	Likely	event-days in 10 of 30 years, 1996 to 2025 (33.3%)	36	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.89 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 10 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	78	30	2.6
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	638	30	21.3
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	43	30	1.43
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	22	30	0.733

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	EF0-1	1996 to 2025	19	30	0.633
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	1	30	0.0333

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 98				Not Applicable 98	
Coastal Flooding	0 of 98				Not Applicable 98	
Cold Wave	98 of 98	19.4	43.3	67.9	Relatively Moderate 38, Relatively Low 60	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	24 of 98	67.4	74.2	92.0	Relatively Moderate 1, Relatively Low 5, Very Low 18, No Rating 74	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	98 of 98	7.1	73.2	86.6	Relatively Moderate 26, Relatively Low 66, Very Low 6	
Hail	98 of 98	21.5	66.4	79.0	Relatively Moderate 33, Relatively Low 64, 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.
Heat Wave	98 of 98	5.7	63.6	87.5	Relatively High 2, Relatively Moderate 62, Relatively Low 32, 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	98 of 98	54.1	82.1	91.8	Relatively High 3, Relatively Moderate 65, Relatively Low 30	
Ice Storm	98 of 98	5.8	88.7	97.4	Relatively High 43, Relatively Moderate 52, Relatively Low 2, 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
Inland Flooding	98 of 98	0.2	47.9	99.8	Very High 2, Relatively High 15, Relatively Moderate 29, Relatively Low 36, Very Low 16	
Landslide	98 of 98	37.1	75.1	98.2	Relatively Moderate 2, Relatively Low 29, Very Low 67	
Lightning	98 of 98	10.9	72.7	93.6	Relatively High 34, Relatively Moderate 49, Relatively Low 14, 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.
Strong Wind	98 of 98	15.0	68.7	87.5	Relatively High 9, Relatively Moderate 71, Relatively Low 17, 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	98 of 98	14.6	63.0	84.0	Relatively High 15, Relatively Moderate 59, Relatively Low 23, Very Low 1	
Tsunami	0 of 98				Not Applicable 98	
Volcanic Activity	0 of 98				Not Applicable 98	
Wildfire	96 of 98	20.2	50.3	88.0	Relatively Low 30, Very Low 66, No Rating 2	
Winter Weather	98 of 98	19.1	55.1	76.0	Relatively Moderate 66, Relatively Low 32	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
Richland County (unincorporated area)	Unincorporated	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 22	none found	0; no approved plan	
Arcadia Lakes town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	0; no approved plan	

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
Blythewood town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	51; no approved plan	
Columbia city	City	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 2, SRL 2; any 34	\$26,269,660.54	292; no approved plan	Whole community, including the part in Lexington County; in-county portion (county table): FMA RL 2, FMA SRL 2, NFIP RL 32, NFIP SRL 2, any category 33. Includes \$2,058,212.70 for declarations not counted as hazard incidents (DR-4492-SC, EM-3233-SC).
Eastover town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$7,372.58	62; no approved plan	
Forest Acres city	City	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 11	\$212,210.30	35; no approved plan	
Irmo town	Town	Plan 112208 approved 2026-08-31, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	none found	4; no approved plan	Whole community, including the part in Lexington County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 2, NFIP SRL 0, any category 2.

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

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

SOURCES

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

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

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

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

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

Local data required

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

Plan 112208 was approved by FEMA on 2026-08-31 but is not yet adopted here, so no since-plan counts are given.

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$91,696,109,478	\$41,531,691	415,644	\$13,520	\$8,064	\$3,986,241	under 0.0001%				
Drought		\$14,988,001			\$60,960		0.407% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$154,721,957,756		416,147	\$8,403,818		\$2,802,928	0.00543%				
Hail	\$91,696,109,478	\$41,531,691	415,644	\$907,064	\$6,458	\$854,826	0.000989%				
Heat Wave	\$91,696,109,478	\$41,531,691	415,644	\$271	\$49	\$6,016,671	under 0.0001%				
Hurricane	\$91,690,986,772	\$41,531,691	415,635	\$17,751,161	\$248,186	\$793,322	0.0194%				
Ice Storm	\$91,277,399,743		414,972	\$2,784,032		\$523,787	0.00305%				
Inland Flooding	\$91,528,610,564	\$5,650,479	7,646	\$64,761,494	\$81,910	\$9,220,051	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	\$1,349,643,045		5,614	\$30,683		\$146	0.00227%				
Lightning	\$91,696,109,478		415,644	\$230,118		\$2,100,307	0.000251%				
Strong Wind	\$91,696,109,478	\$41,531,691	415,644	\$351,812	\$1,295	\$2,887,338	0.000384%				
Tornado	\$91,696,109,478	\$41,531,691	415,644	\$6,087,476	\$1,258	\$6,393,755	0.00664%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$8,788,657,154	\$9,770,534	53,669	\$153,402	\$56	\$25,073	0.00175%				
Winter Weather	\$91,696,109,478	\$41,531,691	415,644	\$38,519	\$43	\$278,992	under 0.0001%				

Totals since the plan: not available. Plan 112208 was approved by FEMA on 2026-08-31 but is not yet adopted here, so no since-plan counts are given.

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

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

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

SOURCES

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

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

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

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

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

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

Supports B2-a: context

County context

Measure	Value
Population	415,644
Building value (total, not at risk)	\$91,696,109,478
Agriculture value (total, not at risk)	\$41,531,691
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$101,921,647
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)	\$35,883,437
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively High
NRI version	December 2025

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

SOURCE

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

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	3	Severe repetitive loss, FMA definition (44 CFR 77.2)	5
Repetitive loss, NFIP insurance definition	66	Severe repetitive loss, NFIP insurance definition	4

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	3	5	66	4	68	1	30
IRMO, TOWN OF	0	0	2	0	2	0	0
RICHLAND COUNTY*	1	1	21	0	22	1	9
COLUMBIA, CITY OF	2	2	32	2	33	0	13
FOREST ACRES, CITY OF	0	2	11	2	11	0	8
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
Richland County (unincorporated area)	450170	1	1	21	0	22	1	9	
Arcadia Lakes town	450171	0	0	0	0	0	0	0	
Blythewood town	450258	0	0	0	0	0	0	0	
Columbia city	450172	2	2	33	2	34	0	13	Whole community, including the part in Lexington County; in-county portion (county table): FMA RL 2, FMA SRL 2, NFIP RL 32, NFIP SRL 2, any category 33.
Eastover town	450173	0	0	0	0	0	0	0	
Forest Acres city	450174	0	2	11	2	11	0	8	
Irmo town	450133	0	0	3	0	3	0	0	Whole community, including the part in Lexington County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 2, NFIP SRL 0, any category 2.

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	3	1	52	1	53	0	29
2 to 4 unit residential	0	1	4	1	4	0	1
other residential	0	0	4	0	4	0	0

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
non-residential	0	3	6	2	7	1	0
not reported	0	0	0	0	0	0	0

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

SOURCES

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

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

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.
Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (as of 2026-08-02). No property is identified. County assignment is FEMA's geocode.
Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.
In this county 1 property is FMA repetitive loss but not NFIP repetitive loss, and 64 properties are NFIP repetitive loss but not FMA repetitive loss.
Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_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_45079. Preview: automated baseline.