

Brevard County, FL

Risk-assessment baseline packet

Unit **County area 12009** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

Hazard Plain is an independent product built from public federal data. It is not a FEMA document and is not reviewed or endorsed by FEMA or any state agency.

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

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Plan clock

Status	Approved, expires 2030-11-19	Plan	Brevard County (FEMA plan 111168)
Approved	2025-11-19	Expires	2030-11-19
As of	2026-09-28	Days	1,513 days to expiry

What changed since your last plan (approved 2025-11-19)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	14 (data through 2026-06-30)
Repetitive loss now	FMA RL 41, SRL 25 (44 CFR 77.2); any definition: 309	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: 19 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Brevard County (unincorporated area)	Unincorporated	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		
Cape Canaveral city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-02-04
Cocoa Beach city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-09-23
Cocoa city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-06-30
Grant-Valkaria town	Town	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-09-23
Indialantic town	Town	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-02-04
Indian Harbour Beach city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-09-23
Malabar town	Town	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	Brevard County (FEMA plan 111168), pending adoption here	2025-11-19 by FEMA; not yet adopted here	2030-11-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Melbourne Beach town	Town	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-09-23
Melbourne city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2025-12-17
Palm Bay city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-07-17
Palm Shores town	Town	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	Brevard County (FEMA plan 111168), pending adoption here	2025-11-19 by FEMA; not yet adopted here	2030-11-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Rockledge city	City	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	Brevard County (FEMA plan 111168), pending adoption here	2025-11-19 by FEMA; not yet adopted here	2030-11-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Satellite Beach city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-09-23
Titusville city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2025-12-17
West Melbourne city	City	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-06-30
Brevard County School District	School/School District	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	Brevard County (FEMA plan 111168), pending adoption here	2025-11-19 by FEMA; not yet adopted here	2030-11-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Cape Canaveral Port Authority	Highway/Port/ Rail	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2026-02-04
Parrish Medical Center	Hospital/ Medical Facility	Approved, expires 2030-11-19	Brevard County (FEMA plan 111168)	2025-11-19	2030-11-19	1,513		member approved 2025-12-03

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury, \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Hurricane	Very High	Very High	\$260,223,507	\$972,993	\$20,281,319	\$281,477,818	21		Includes 1 Tropical Depression record, event types the NRI definition of this hazard leaves out.
2	Inland Flooding	Relatively High	Relatively High	\$72,698,044	\$128,059	\$327,455	\$73,153,558	33		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
3	Tornado	Relatively High	Relatively High	\$6,539,826	\$2,230	\$5,839,780	\$12,381,836	61		
4	Wildfire	Relatively Moderate	Relatively Moderate	\$7,032,870	\$5,144	\$773,064	\$7,811,078	2		
5	Lightning	Very High	Very High	\$416,999		\$5,137,500	\$5,554,499	37		
6	Strong Wind	Relatively High	Relatively High	\$436,716	\$78,283	\$2,802,330	\$3,317,330	348		Includes 5 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Coastal Flooding	Relatively Moderate	Relatively High	\$2,344,662		\$282,910	\$2,627,572	10		
8	Heat Wave	Relatively Moderate	Relatively Moderate	\$147	\$40	\$2,074,937	\$2,075,124	2		
9	Cold Wave	Relatively Low	Relatively Low	\$27,639	\$135,479	\$255,606	\$418,723	6		Includes 4 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
10	Earthquake	Very Low	Very Low	\$166,006		\$59,253	\$225,258			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
11	Hail	Relatively Low	Relatively Low	\$37,236	\$27,758	\$78,825	\$143,819	201		
12	Drought	Relatively Low	Relatively Low		\$133,081		\$133,081	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Very Low	Very Low	\$1,279		\$2	\$1,281	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Winter Weather	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	3		
	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).
	Ice Storm	Not Applicable	Not Applicable					0	NRI rates ice storm Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data					0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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 147
Coastal Flooding	The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (https://msc.fema.gov) for this county.	91 of 147
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	147 of 147
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	25 of 147
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.	147 of 147
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	147 of 147
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	147 of 147
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.	147 of 147
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 147
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.	147 of 147
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.	137 of 147
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	147 of 147
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	147 of 147
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.	147 of 147
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 147
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 147
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.	129 of 147
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 147

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)	10, 2004 to 2022 (10 zone-level)		Storm Surge/Tide, 2016-10-06, \$25,000,000 property; \$0 crops, reported for the zone (2016 dollars); NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	2, 2003 to 2010 (2 zone-level)	1 day; 2 with a recorded value	1 consecutive day, 2010-12-14, zone-level	Cold/Wind Chill, 2003-01-24, \$0 property; \$10,000 crops, reported for the zone (2003 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	4, 2009 to 2010 (4 zone-level)		Frost/Freeze, 2010-12-27, \$1,150,000 crop damage, reported for the zone (2010 dollars); NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	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).

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hail	hail size (inches)	236, 1970 to 2026	0.75 in to 2.5 in (median 1 in); 235 with a recorded value	2.5 in hail, 2003-03-17		Event records naming member places: Titusville city (25 records), Palm Bay city (20 records), Melbourne city (15 records), Cocoa city (12 records), Rockledge city (10 records), West Melbourne city (5 records), Indialantic town (4 records), Malabar town (4 records), Cape Canaveral city (3 records), Indian Harbour Beach city (3 records); and 3 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	2, 1998 to 2022 (2 zone- level)	1 day to 30 days (median 15.5 days); 2 with a recorded value	30 days, 1998-06-01 to 1998-06-30, from 1 monthly summary record (a monthly summary record covers most or all of a month; it does not count days at wave conditions), 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	21, 1999 to 2024 (21 zone- level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Hurricane (Typhoon) record, 2016-10-06 to 2016-10-07, category 2, \$75,000,000 property; crops not reported, reported for the zone (2016 dollars), 1 direct injury (reported for the zone); NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties	Most damaging recorded: Hurricane (Typhoon), 2004-09-25, \$320,400,000 property; \$7,700,000 crops, reported for the zone (2004 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	0					Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	33, 1996 to 2025		Flash Flood, 2008-08-20, \$70,000,000 property; \$0 crops (2008 dollars)		Event records naming member places: Melbourne city (5 records), Malabar town (2 records), Cape Canaveral city (1 record), Cocoa city (1 record), Palm Bay city (1 record), Rockledge city (1 record).	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	37, 1996 to 2024		Lightning, 2022-09-15, \$0 property; \$0 crops (2022 dollars), 2 direct deaths	Lightning, 2008-07-11, \$2,500,000 property; \$0 crops (2008 dollars)	Event records naming member places: Palm Bay city (4 records), Melbourne city (3 records), Melbourne Beach town (2 records), Titusville city (2 records), Cocoa Beach city (1 record), Indian Harbour Beach 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)	7, 1996 to 2026 (7 zone-level)	25 kt (29 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 7 with a recorded value	70 kt (81 mph) measured gust, High Wind, 2011-10-09; NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties	High Wind, 1996-03-19, \$10,000 property; crops not reported, reported for the zone (1996 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	428, 1960 to 2026	39 kt (45 mph) to 85 kt (98 mph) (median 52 kt (60 mph)); 349 with a recorded value	85 kt (98 mph), measurement type not recorded, Thunderstorm Wind, 1968-07-09	Thunderstorm Wind, 1994-06-25, \$500,000 property; crops not recorded (1994 dollars)	Event records naming member places: Cape Canaveral city (30 records), Melbourne city (24 records), Titusville city (22 records), Palm Bay city (11 records), Rockledge city (11 records), Cocoa Beach city (9 records), Cocoa city (7 records), Melbourne Beach town (7 records), Indian Harbour Beach city (4 records), Satellite Beach city (4 records); and 3 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	138, 1953 to 2025	F/EF0 to F/EF3 (median F/EF0); 131 with a recorded value	F3 tornado, 1972-06-19, 3.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide, \$2,500,000 property; crops not recorded (1972 dollars), 23 direct injuries	Tornado, 1994-11-15, \$50,000,000 property; crops not recorded (1994 dollars)	Event records naming member places: Palm Bay city (6 records), Indialantic town (4 records), Melbourne city (4 records), Rockledge city (4 records), Titusville city (4 records), Cocoa Beach city (3 records), Melbourne Beach town (2 records), West Melbourne city (2 records), Cape Canaveral city (1 record), Cocoa city (1 record); and 1 more member place (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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Wildfire	acres burned (local data)	2, 1998 to 2008 (1 zone- level)		Wildfire, 1998-07-01, \$200,000,000 property; crops not reported (1998 dollars), 52 direct injuries		No event record names a member place. Zone-level records (1) apply countywide.	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)	3, 2008 to 2022 (3 zone- level)		No damage reported in 3 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

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

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

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

SOURCES

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

Supports B1-d: previous occurrences

Declaration rows

45

Counted incidents

31

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	Note
2024-10-11	2024-10-05	DR-4834-FL	Major disaster	HURRICANE MILTON	Hurricane (primary); also designated: Inland Flooding	\$12,893,632.77	within last 5 years	
2024-10-07	2024-10-05	EM-3622-FL	Emergency	HURRICANE MILTON	Hurricane	none found	within last 5 years	same incid as DR-4
2024-08-10	2024-08-01	DR-4806-FL	Major disaster	HURRICANE DEBBY	Hurricane	none found	within last 5 years	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-08-03	2024-08-01	EM-3605-FL	Emergency	TROPICAL STORM DEBBY	Hurricane (primary); also designated: Inland Flooding, Strong Wind, Tornado	none found	within last 5 years	same incident as DR-4
2023-08-31	2023-08-27	DR-4734-FL	Major disaster	HURRICANE IDALIA	Hurricane	\$27,497.99	within last 5 years	
2023-08-28	2023-08-27	EM-3596-FL	Emergency	TROPICAL STORM IDALIA	Hurricane	none found	within last 5 years	same incident as DR-4
2022-12-13	2022-11-07	DR-4680-FL	Major disaster	HURRICANE NICOLE	Hurricane	\$20,396,195.11	within last 5 years	
2022-11-08	2022-11-07	EM-3587-FL	Emergency	TROPICAL STORM NICOLE	Hurricane	none found	within last 5 years	same incident as DR-4
2022-09-29	2022-09-23	DR-4673-FL	Major disaster	HURRICANE IAN	Hurricane	\$13,360,904.21	within last 5 years	
2022-09-24	2022-09-23	EM-3584-FL	Emergency	TROPICAL STORM IAN	Hurricane	none found	within last 5 years	same incident as DR-4
2020-08-01	2020-07-31	EM-3533-FL	Emergency	HURRICANE ISAIAS	Hurricane	none found		
2020-03-25	2020-01-20	DR-4486-FL	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$7,300,398.95		
2020-03-13	2020-01-20	EM-3432-FL	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4
2019-10-21	2019-08-28	DR-4468-FL	Major disaster	HURRICANE DORIAN	Hurricane	\$5,795,446.56		
2019-08-30	2019-08-28	EM-3419-FL	Emergency	HURRICANE DORIAN	Hurricane	none found		same incident as DR-4
2017-09-10	2017-09-04	DR-4337-FL	Major disaster	HURRICANE IRMA	Hurricane	\$48,377,860.29		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2017-09-05	2017-09-04	EM-3385-FL	Emergency	HURRICANE IRMA	Hurricane	none found		same incident as DR-4
2016-10-08	2016-10-03	DR-4283-FL	Major disaster	HURRICANE MATTHEW	Hurricane	\$30,614,809.83		
2016-10-06	2016-10-03	EM-3377-FL	Emergency	HURRICANE MATTHEW	Hurricane	none found		same incident as DR-4
2008-08-24	2008-08-18	DR-1785-FL	Major disaster	TROPICAL STORM FAY	Hurricane; Inland Flooding	\$7,639,831.45		
2008-08-21	2008-08-18	EM-3288-FL	Emergency	TROPICAL STORM FAY	Hurricane; Inland Flooding	none found		same incident as DR-1
2008-05-12	2008-05-11	FM-2765-FL	Fire management	BREVARD FIRE COMPLEX	Wildfire	none found		
2005-10-24	2005-10-23	DR-1609-FL	Major disaster	HURRICANE WILMA	Hurricane	\$14,216,742.92		
2005-09-05	2005-08-29	EM-3220-FL	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2004-09-26	2004-09-24	DR-1561-FL	Major disaster	HURRICANE JEANNE	Hurricane	\$33,695,915.84		
2004-09-16	2004-09-13	DR-1551-FL	Major disaster	HURRICANE IVAN	Hurricane	none placed in this county by FEMA's record; \$368,533.58 for this declaration is not placed in any county (see the list below)		
2004-09-04	2004-09-03	DR-1545-FL	Major disaster	HURRICANE FRANCES	Hurricane	\$29,262,727.36		
2004-08-13	2004-08-11	DR-1539-FL	Major disaster	TROPICAL STORM BONNIE AND HURRICANE CHARLEY	Hurricane	\$2,751,421.18		
2001-04-17	2001-04-16	FM-2357-FL	Fire management	FL - ORLANDO COMPLEX FIRE	Wildfire	none found		
2001-02-05	2000-12-01	DR-1359-FL	Major disaster	SEVERE FREEZE	Cold Wave	PA not declared for this county		
2000-05-28	2000-05-28	FM-2301-FL	Fire management	FL, ORLANDO DISTRICT FIRE COMPLEX	Wildfire	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
1999-10-20	1999-10-14	DR-1306-FL	Major disaster	FL-HURRICANE IRENE-DR-REQ	Hurricane	\$6,270,783.38		
1999-10-15	1999-10-14	EM-3150-FL	Emergency	TROPICAL STORM IRENE - FLORIDA	Hurricane	none found		same incident as DR-1
1999-09-22	1999-09-13	DR-1300-FL	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$3,244,265.41		
1999-09-14	1999-09-14	EM-3143-FL	Emergency	HURRICANE FLOYD EMERGENCY DECLARATIONS	Hurricane	none found		same incident as DR-1
1999-04-27	1999-04-15	EM-3139-FL	Emergency	FL-FIRES 04/15/99	Wildfire	none found		
1999-04-15	1999-04-13	FM-2253-FL	Fire management	FL-FIRES 04/13/99	Wildfire	none found		
1998-06-18	1998-05-25	DR-1223-FL	Major disaster	EXTREME FIRE HAZARD	Wildfire	none found		
1998-01-06	1997-12-25	DR-1195-FL	Major disaster	SEVERE STORMS, HIGH WINDS, TORNADOES, AND FLOODING	Inland Flooding; Strong Wind; Tornado	none found		
1995-08-10	1995-08-02	DR-1062-FL	Major disaster	HURRICANE ERIN	Hurricane	none found		
1994-11-28	1994-11-14	DR-1043-FL	Major disaster	TROPICAL STORM GORDON TORNADOES FLOODING RAINFALL	Hurricane; Inland Flooding; Tornado	PA not declared for this county		
1990-01-15	1989-12-23	DR-851-FL	Major disaster	SEVERE FREEZE	Cold Wave	PA not declared for this county		
1985-03-18	1985-03-18	DR-732-FL	Major disaster	SEVERE FREEZE	Cold Wave	PA not declared for this county		
1977-01-31	1977-01-31	DR-526-FL	Major disaster	SEVERE WINTER WEATHER	Cold Wave	PA not declared for this county		
1972-06-23	1972-06-23	DR-337-FL	Major disaster	TROPICAL STORM AGNES	Hurricane	none found		

School districts and special districts in this county: \$0 (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
1995-08-03	1995-08-02	EM-3116-FL	Emergency	HURRICANE ERIN	Hurricane		
1964-09-10	1964-09-10	DR-176-FL	Major disaster	HURRICANE DORA	Hurricane (primary); also designated: Inland Flooding		
1964-09-08	1964-09-08	DR-175-FL	Major disaster	HURRICANE CLEO	Hurricane (primary); also designated: Inland Flooding		
1962-12-17	1962-12-17	DR-141-FL	Major disaster	ABNORMALLY HIGH TIDES	Inland Flooding		
1960-09-12	1960-09-12	DR-106-FL	Major disaster	HURRICANE DONNA	Hurricane (primary); also designated: Inland Flooding		
1960-03-23	1960-03-23	DR-97-FL	Major disaster	SEVERE WEATHER CONDITIONS	Other, not an NRI hazard; not counted		
1953-10-22	1953-10-22	DR-12-FL	Major disaster	FLOOD	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.

17 Fire Management declarations (1985-05-17 to 1998-06-28) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

SOURCE

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

Public Assistance not placed in a county in this state: 4 rows, \$9,327,951.42

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4564	2020-09-23	PowerSouth Energy Cooperative	Covington County	\$43,450.21	county field is a county of another state and the applicant name does not identify a place in the declaring state
4399	2018-10-11	PowerSouth Energy Cooperative	Covington County	\$8,524,655.17	county field is a county of another state and the applicant name does not identify a place in the declaring state
1595	2005-07-10	Alabama Electric Cooperative, Inc.	Covington County	\$391,312.46	county field is a county of another state and the applicant name does not identify a place in the declaring state
1551	2004-09-16	Alabama Electric Cooperative, Inc.	Covington County	\$368,533.58	county field is a county of another state and the applicant name does not identify a place in the declaring state

FEMA's Public Assistance summaries file these applicants under a county field that is not a county of this state (an Alaska school area, the former Valdez-Cordova Census Area, or another state's county), and the applicant name does not identify one place here. They are listed for the whole state and are not in any county total. Check whether any of them worked in your county.

SOURCE

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (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	10	0	0	3	0	0	1996 to 2026-06-30	
Cold Wave	6	0	0	0	4	0	1996 to 2026-06-30	Includes 4 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	236	4	6	28	0	0	1955 to 2026-06-30	
Heat Wave	2	0	0	1	0	0	1996 to 2026-06-30	
Hurricane	21	0	0	6	20	0	1996 to 2026-06-30	Includes 1 Tropical Depression record, event types the NRI definition of this hazard leaves out.
Ice Storm	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	33	0	6	12	5	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	37	0	0	4	0	0	1996 to 2026-06-30	
Strong Wind	435	10	10	58	2	0	1955 to 2026-06-30	Includes 5 High Wind records and 2 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	138	0	1	6	3	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	2	0	0	0	6	0	1996 to 2026-06-30	
Winter Weather	3	0	0	1	0	0	1996 to 2026-06-30	

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2025-06-04	Thunderstorm Wind	48 kt (55 mph) estimated gust	property not reported; \$0 crops (2025 dollars)	2, 0	MERRITT IS	during plan review, check whether your last plan included it; within last 5 years	deaths or injuries recorded
2022-09-15	Lightning		\$0 property; \$0 crops (2022 dollars)	2, 0	SCOTTSMOOR	within last 5 years	deaths or injuries recorded
2016-10-06	Storm Surge/Tide		\$25,000,000 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2016-10-06	Hurricane (Typhoon)	category 2	\$75,000,000 property; crops not reported, reported for the zone (2016 dollars)	0, 1	NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2011-10-09	High Wind	70 kt (81 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2010-12-14	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2008-08-20	Flash Flood		\$70,000,000 property; \$0 crops (2008 dollars)	0, 0	WEST EAUGALLIE to VALKARIA ARPT		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1998-07-01	Wildfire		\$200,000,000 property; crops not reported (1998 dollars)	0, 52	COUNTYWIDE		B1-c worst recorded: Wildfire
1998-06-01	Heat		damage not reported	0, 0	NWS zone FLZ047 (BREVARD), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
1994-11-15	Tornado	F2, 0.1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 10 yd wide	\$50,000,000 property; crops not recorded (1994 dollars)	1, 40	VRB		deaths or injuries recorded
1972-06-19	Tornado	F3, 3.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$2,500,000 property; crops not recorded (1972 dollars)	0, 23	location not recorded		B1-c worst recorded: Tornado
1968-07-09	Thunderstorm Wind	85 kt (98 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the **XLSX** file, sheet "B1-d Storm Events history" (923 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	1.05	events per year at a location (modeled)	about 1.1 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	3.33	event-days per year	about 3.33 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	43.9	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 3.33 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 2 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	18.9	event-days per year	about 18.9 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	721	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.000411	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.0411%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	1.68	events per year	about 1.68 per year	Highly likely	FEMA annualized frequency (modeled)	71.9 (modeled)	1986 to 2023 (38 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Heat Wave	1.86	event-days per year	about 1.86 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	18	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.86 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 2 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	0.276	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	108	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		event-days per year					1946-12-31 to 2014-02-12 (67 years)	countywide	Not Applicable in NRI for this county; no descriptor.
Inland Flooding	0.679	event-days per year	about 0.679 days per year	Likely	event-days in 14 of 30 years, 1996 to 2025 (46.7%)	19	1996 to 2023 (28 years)	see B1-f	
Landslide	0.111	events per year (modeled)	about 1 in 9 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	73	days per year with a strike	about 73 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.844	events per year	about 0.84 per year	Likely	FEMA annualized frequency (modeled)	27	1986 to 2023 (38 years)	countywide	
Tornado	0.789	events per year	about 0.79 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)			Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0114	annual probability at a location	chance a given location in the county burns in a year: 1.14%	Possible	Storm Events records in 2 of 30 years, 1996 to 2025 (6.67%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.

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
Winter Weather	0	event-days per year	none modeled	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	0	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI models no winter weather event-days here (2005-11-12 to 2024-11-12, 19 years), but Storm Events has a record in 3 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out, so the two use different thresholds; read them together.

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	105	30	3.5
Hail	2.00 in+	1996 to 2025	7	30	0.233
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	271	30	9.03
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	22	30	0.733
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	39	30	1.3
Tornado	EF0-1	1996 to 2025	59	30	1.97
Tornado	EF2-3	1996 to 2025	2	30	0.0667
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 147				Not Applicable 147	
Coastal Flooding	91 of 147	68.3	85.5	97.9	Relatively High 6, Relatively Moderate 28, Relatively Low 43, Very Low 14, No Rating 56	
Cold Wave	147 of 147	15.6	17.8	60.9	Relatively Moderate 1, Relatively Low 26, Very Low 120	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	25 of 147	66.9	73.8	95.1	Relatively Moderate 1, Relatively Low 5, Very Low 19, No Rating 122	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	147 of 147	0.2	7.4	26.0	Very Low 147	
Hail	147 of 147	0.5	19.0	66.3	Relatively Low 1, Very Low 146	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
Heat Wave	147 of 147	1.3	19.2	43.0	Relatively Low 85, Very Low 62	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	147 of 147	52.2	97.3	99.9	Very High 79, Relatively High 62, Relatively Moderate 4, Relatively Low 2	
Ice Storm	0 of 147				Not Applicable 147	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	147 of 147	0.2	33.4	89.8	Relatively High 11, Relatively Moderate 40, Relatively Low 57, Very Low 39	
Landslide	137 of 147	9.4	48.0	82.5	Relatively Low 2, Very Low 135, No Rating 10	
Lightning	147 of 147	0.3	85.2	97.9	Very High 12, Relatively High 94, Relatively Moderate 34, Relatively Low 3, Very Low 4	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	147 of 147	0.3	56.9	85.7	Relatively High 1, Relatively Moderate 86, Relatively Low 56, Very Low 4	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	147 of 147	1.6	55.2	75.9	Relatively High 3, Relatively Moderate 79, Relatively Low 60, Very Low 5	
Tsunami	0 of 147				Insufficient Data 147	
Volcanic Activity	0 of 147				Not Applicable 147	
Wildfire	129 of 147	18.6	86.9	99.2	Very High 1, Relatively High 8, Relatively Moderate 48, Relatively Low 48, Very Low 24, No Rating 18	
Winter Weather	0 of 147				No Rating 147	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
Brevard County (unincorporated area)	Unincorporated	Approved, expires 2030-11-19	FMA RL 19, SRL 11; any 173	\$136,937,400.59	0; 0	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Cape Canaveral city	City	Approved, expires 2030-11-19	FMA RL 0, SRL 0; any 5	\$575,684.77	35; 0	
Cocoa Beach city	City	Approved, expires 2030-11-19	FMA RL 0, SRL 0; any 3	\$3,120,934.51	14; 0	Includes \$27,786.52 for declarations not counted as hazard incidents (DR-4486-FL).
Cocoa city	City	Approved, expires 2030-11-19	FMA RL 4, SRL 2; any 13	\$6,769,196.25	21; 0	
Grant-Valkaria town	Town	Approved, expires 2030-11-19	FMA RL 1, SRL 2; any 5	\$130,697.49	0; 0	
Indianlantic town	Town	Approved, expires 2030-11-19	FMA RL 1, SRL 1; any 7	\$654,094.90	11; 1	
Indian Harbour Beach city	City	Approved, expires 2030-11-19	FMA RL 0, SRL 0; any 3	\$641,038.63	8; 0	
Malabar town	Town	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$1,384,579.95	7; no approved plan	
Melbourne Beach town	Town	Approved, expires 2030-11-19	FMA RL 0, SRL 0; any 3	\$1,962,734.84	13; 2	
Melbourne city	City	Approved, expires 2030-11-19	FMA RL 6, SRL 5; any 44	\$16,031,406.47	51; 0	
Palm Bay city	City	Approved, expires 2030-11-19	FMA RL 6, SRL 3; any 18	\$15,064,423.97	42; 1	Includes \$136,081.94 for declarations not counted as hazard incidents (DR-4486-FL).
Palm Shores town	Town	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$137,916.69	0; no approved plan	
Rockledge city	City	Plan 111168 approved 2025-11-19, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$3,772,826.19	26; no approved plan	
Satellite Beach city	City	Approved, expires 2030-11-19	FMA RL 0, SRL 1; any 10	\$1,922,505.47	7; 0	
Titusville city	City	Approved, expires 2030-11-19	FMA RL 2, SRL 0; any 6	\$8,133,527.76	53; 1	
West Melbourne city	City	Approved, expires 2030-11-19	FMA RL 2, SRL 0; any 12	\$924,916.64	11; 0	

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

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

SOURCES

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

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

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

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

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

Local data required

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

- Critical facilities and lifelines per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
- A problem statement per participant per hazard
- 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 2025-11-19 <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	\$21,149,633,130		95,608	\$2,344,662		\$282,910	0.0111%				
Cold Wave	\$118,536,130,402	\$75,925,637	606,067	\$27,639	\$135,479	\$255,606	under 0.0001%				
Drought		\$43,543,498			\$133,081		0.306% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$196,691,950,285		606,612	\$166,006		\$59,253	under 0.0001%				
Hail	\$118,536,130,402	\$75,925,637	606,067	\$37,236	\$27,758	\$78,825	under 0.0001%	\$0			
Heat Wave	\$118,536,130,402	\$75,925,637	606,067	\$147	\$40	\$2,074,937	under 0.0001%				
Hurricane	\$118,535,497,333	\$75,925,637	606,061	\$260,223,507	\$972,993	\$20,281,319	0.22%				
Ice Storm											Not Applicable in NRI for this county
Inland Flooding	\$118,255,018,269	\$49,646,370	43,083	\$72,698,044	\$128,059	\$327,455	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	\$248,615,009		1,231	\$1,279		\$2	0.000514%				
Lightning	\$118,536,130,402		606,067	\$416,999		\$5,137,500	0.000352%				

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 2025-11-19 <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	\$118,536,130,402	\$75,925,637	606,067	\$436,716	\$78,283	\$2,802,330	0.000368%	\$0	\$0		
Tornado	\$118,536,130,402	\$75,925,637	606,067	\$6,539,826	\$2,230	\$5,839,780	0.00552%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$10,480,889,342	\$60,118,382	77,032	\$7,032,870	\$5,144	\$773,064	0.0671%				
Winter Weather	\$0	\$0	0	\$0	\$0	\$0					building exposure is 0 in NRI

Totals since 2025-11-19 (Storm Events through 2026-06-30): 13 county-coded records, 13 with a damage value recorded (including \$0), \$0; 1 zone-level records, 1 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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

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

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

SOURCES

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

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

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

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

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

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

Supports B2-a: context

County context

Measure	Value
Population	606,067
Building value (total, not at risk)	\$118,536,130,402
Agriculture value (total, not at risk)	\$75,925,637
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$351,407,997
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)	\$37,912,981
Social vulnerability rating	Relatively Moderate

Measure	Value
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)	41	Severe repetitive loss, FMA definition (44 CFR 77.2)	25
Repetitive loss, NFIP insurance definition	304	Severe repetitive loss, NFIP insurance definition	20

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	41	25	304	20	309	2	138
COCOA, CITY OF	4	2	13	1	13	0	4
MALABAR, TOWN OF	0	0	3	0	3	0	2
MELBOURNE, CITY OF	6	5	44	5	44	0	26
ROCKLEDGE, CITY OF	0	0	1	0	1	0	0
SATELLITE BEACH, CITY OF	0	1	9	0	10	0	1
GRANT-VALKARIA, TOWN OF	1	2	5	2	5	0	2
MELBOURNE VILLAGE, TOWN OF (community ID not in plan data)	0	0	1	0	1	0	0
WEST MELBOURNE, CITY OF	2	0	12	0	12	0	3
PALM BAY, CITY OF	6	3	17	3	18	0	12
CAPE CANAVERAL PORT AUTHORITY (community ID not in plan data)	0	0	1	0	1	0	0
BREVARD COUNTY *	19	11	170	8	173	2	76
CAPE CANAVERAL, CITY OF	0	0	5	0	5	0	2
COCOA BEACH, CITY OF	0	0	3	0	3	0	1
INDIALANTIC, TOWN OF	1	1	7	1	7	0	3
INDIAN HARBOR BEACH, CITY OF	0	0	3	0	3	0	1

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>
MELBOURNE BEACH, TOWN OF	0	0	3	0	3	0	2
TITUSVILLE, CITY OF	2	0	6	0	6	0	3
Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
State level, not in this county: county not reported	0	1	9	0	10	0	1

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
Brevard County (unincorporated area)	125092	19	11	170	8	173	2	76	
Cape Canaveral city	125094	0	0	5	0	5	0	2	
Cocoa Beach city	125097	0	0	3	0	3	0	1	
Cocoa city	120020	4	2	13	1	13	0	4	
Grant-Valkaria town	120224	1	2	5	2	5	0	2	
Indialantic town	125115	1	1	7	1	7	0	3	
Indian Harbour Beach city	125116	0	0	3	0	3	0	1	
Malabar town	120024	0	0	3	0	3	0	2	
Melbourne Beach town	125128	0	0	3	0	3	0	2	
Melbourne city	120025	6	5	44	5	44	0	26	
Palm Bay city	120404	6	3	17	3	18	0	12	
Palm Shores town	120612	0	0	0	0	0	0	0	
Rockledge city	120027	0	0	1	0	1	0	0	
Satellite Beach city	120028	0	1	9	0	10	0	1	
Titusville city	125152	2	0	6	0	6	0	3	
West Melbourne city	120335	2	0	12	0	12	0	3	

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	38	21	277	17	282	2	131
2 to 4 unit residential	2	0	9	0	9	0	1
other residential	0	1	7	1	7	0	4
non-residential	1	3	11	2	11	0	2
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 2 properties are FMA repetitive loss but not NFIP repetitive loss, and 265 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)
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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_FL_12009. Preview: automated baseline.