

Washington County, RI

Risk-assessment baseline packet

County FIPS: 44009 Release: 2026-10 Data as of: 2026-09-30 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.

Summary

Plan status as of 2026-09-30: No county-level plan row in FEMA data.

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$21,988,034 a year), Hurricane (\$3,481,947) and Coastal Flooding (\$2,345,028).

The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.

NRI: FEMA's National Risk Index (version 1.20, December 2025).

NFIP: National Flood Insurance Program.

RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).

FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.

PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.

Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.

County-coded: NOAA logged the event to this county.

FIPS: the federal code for a place; 44009 is this area.

D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).

F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.

kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.

CFR: Code of Federal Regulations.

A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).

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

CONTENTS

1. Summary and terms used, page 1
2. Plan clock, page 2
3. What changed since your last plan, page 2
4. B1-a: hazard identification, page 4
5. B1-b: hazard location, page 5
6. B1-c: hazard extent, page 6
7. B1-d: previous occurrences, page 8
8. B1-e: probability of future events, page 12
9. B1-f: hazards that vary across jurisdictions, page 15
10. B2-a and B2-b: vulnerability and potential impacts, page 16
11. B2-a: vulnerability (county context), page 18
12. B2-c: repetitive loss properties, page 18
13. Sources, what the plan adds, disclaimer and citation, page 20

Plan clock

No county-level plan row in FEMA data

What changed since your last plan

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

Sources: 1, 2, 4, 6 (numbered list at the end)

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>
Charlestown town	Town	Approved, expires 2030-11-12	Natural Hazard Mitigation Plan Update 2025 Charlestown, Rhode Island (FEMA plan 110911)	2025-11-13	2030-11-12	1,504
Exeter town	Town	Approved, expires 2030-08-20	Towns of Exeter and West Greenwich, RI 2025 Hazard Mitigation and Floodplain Management Plan Update (FEMA plan 111030)	2025-08-21	2030-08-20	1,420
Hopkinton town	Town	Approved, expires 2029-04-23	2024 Hopkinton Hazard Mitigation and Flood Management Plan Update (FEMA plan 109524)	2024-04-24	2029-04-23	936
Narragansett town	Town	Approved, expires 2029-09-24	Strategy for Reducing Risks from Natural Hazards in Narragansett, Rhode Island: A Multi-Hazard Mitigation Strategy (FEMA plan 109838)	2024-09-25	2029-09-24	1,090
New Shoreham town	Town	Approved, expires 2030-05-28	Town of New Shoreham 2025 Hazard Mitigation & Flood Management Plan (FEMA plan 110784)	2025-05-29	2030-05-28	1,336
North Kingstown town	Town	Approved, expires 2030-08-19	Town of North Kingstown Natural Hazard Mitigation Plan (FEMA plan 110653)	2025-08-20	2030-08-19	1,419
Richmond town	Town	Approved, expires 2027-09-13	Richmond, RI Hazard Mitigation Plan 2022 Update (FEMA plan 108289)	2022-09-14	2027-09-13	348
South Kingstown town	Town	Approved, expires 2031-07-06	South Kingstown, Rhode Island Hazard Mitigation Plan 2026 Update (FEMA plan 111799)	2026-07-07	2031-07-06	1,740
Westerly town	Town	Approved, expires 2028-03-21	Town of Westerly 2023 Hazard Mitigation & Flood Management Plan (FEMA plan 108927)	2023-03-22	2028-03-21	538
University of Rhode Island	College/University	Approved, expires 2028-12-12	2023 Hazard Mitigation Plan, University of Rhode Island (FEMA plan 109186)	2023-12-13	2028-12-12	804

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

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- 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)

Sources: 5, 6

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year; not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$21,962,421	\$2	\$25,612	\$21,988,034	29	
2	Hurricane	Relatively Moderate	Relatively Moderate	\$3,167,002	\$232,538	\$82,407	\$3,481,947	5	
3	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$2,339,196	n/a	\$5,833	\$2,345,028	11	
4	Earthquake	Relatively Low	Relatively Low	\$787,144	n/a	\$134,349	\$921,493		Storm Events does not record earthquakes.
5	Tornado	Relatively Low	Relatively Low	\$546,574	\$370	\$117,201	\$664,145	3	
6	Lightning	Relatively Moderate	Relatively Moderate	\$22,672	n/a	\$538,214	\$560,886	8	
7	Cold Wave	Relatively Low	Relatively Low	\$260	\$1,720	\$423,204	\$425,184	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Heat Wave	Relatively Low	Relatively Low	\$1	\$2,255	\$416,282	\$418,538	3	
9	Strong Wind	Relatively Low	Relatively Low	\$157,120	\$1	\$235,407	\$392,529	191	Includes 77 High Wind and 73 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
10	Ice Storm	Relatively Moderate	Relatively Moderate	\$276,557	n/a	\$33,585	\$310,142	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
11	Drought	Relatively Low	Relatively Low	n/a	\$123,855	n/a	\$123,855	4	
12	Winter Weather	Relatively Low	Relatively Low	\$12,677	\$9	\$52,893	\$65,579	76	

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
13	Wildfire	Very Low	Very Low	\$11,118	\$1	\$1,533	\$12,653	0	Declared 1 time; no Storm Events record of this type.
14	Hail	Very Low	Very Low	\$4,764	\$28	\$1,567	\$6,359	25	
15	Landslide	Very Low	Very Low	\$542	n/a	\$204	\$746	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

NRI risk rating combines expected annual loss with social vulnerability and community resilience; EAL rating rates expected annual loss alone. Both compare this county with all U.S. counties.

Local data needed: state and local wildfire, landslide and tsunami records (Storm Events records these hazards only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: avalanche and volcanic activity. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

Coastal Flooding and 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.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 514 (Relatively Low, 77.3); tract 501.03 (Relatively Low, 69.8); tract 508.02 (Relatively Low, 63.3)
Hurricane	tract 501.03 (Relatively Moderate, 85.3); tract 513.02 (Relatively Moderate, 84.2); tract 514 (Relatively Moderate, 83.8)
Landslide	tract 505 (Relatively Low, 83.3); tract 511.01 (Very Low, 81.0); tract 506 (Very Low, 78.4)
Tornado	tract 514 (Relatively Low, 49.7); tract 501.03 (Relatively Low, 48.3); tract 505 (Relatively Low, 40.2)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 505 (Relatively Low, 69.0); tract 506 (Very Low, 66.4); tract 507.01 (Very Low, 66.2)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 514 is Census Tract 514). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

Extent: scale, observed range and worst recorded event per hazard

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Coastal Flood, Storm Surge/Tide	none in data (flood depth: FIRM)	11 records, 1997 to 2024 (11 zone-level)		Coastal Flood, 2012-10-29, \$4,700,000 property; \$0 crops (2012 dollars); NWS zone RIZ006		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	4 records, 2012 to 2016 (4 zone-level)	13 days to 79 days (median 46 days); 2 with a recorded value	79 days (about 2.6 months), 2016-09-13 to 2016-11-30, a run of 3 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	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					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	27 records, 1995 to 2024	0.75 in to 2.75 in (median 1 in); 27 with a recorded value	2.75 in hail, 1998-06-30		Event records naming jurisdictions in the plan: North Kingstown town (8 records), Richmond town (3 records), Charlestown town (1 record), Exeter town (1 record), Hopkinton town (1 record), South Kingstown town (1 record), Westerly town (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	3 records, 2010 to 2025 (3 zone-level)	1 day to 4 days (median 2.5 days); 2 with a recorded value	4 consecutive days, 2025-06-22 to 2025-06-25, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	5 records, 2011 to 2021 (5 zone-level)		Strongest recorded: Tropical Storm record, 2021-08-22, \$1,000,000 property; \$0 crops (2021 dollars); NWS zone RIZ006		Countywide (zone-level records).	Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	0					

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	29 records, 1997 to 2024 (2 zone-level)		Flood, 2010-03-29, \$24,760,000 property; \$0 crops (2010 dollars)		Event records naming jurisdictions in the plan: Charlestown town (3 records), North Kingstown town (2 records), Westerly town (2 records), Exeter town (1 record), Richmond town (1 record). Zone-level records (2) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	8 records, 2001 to 2023		Lightning, 2004-08-11, damage not reported, 1 direct death, 1 direct injury	Lightning, 2012-06-25, \$25,000 property; \$0 crops (2012 dollars)	Event records naming jurisdictions in the plan: Charlestown town (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	150 records, 1996 to 2025 (150 zone-level)	33 kt (38 mph) to 75 kt (86 mph) (median 50 kt (58 mph)); 105 with a recorded value	75 kt (86 mph) estimated gust, High Wind, 2012-10-29, 1 direct injury (reported for the zone); NWS zone RIZ006	High Wind, 2005-12-09, \$80,000 property; crops not reported (zone total, 2005 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	51 records, 1959 to 2023	39 kt (45 mph) to 100 kt (115 mph) (median 50 kt (58 mph)); 45 with a recorded value	100 kt (115 mph), measurement type not recorded, Thunderstorm Wind, 1990-10-18	Thunderstorm Wind, 1996-08-24, \$750,000 property; crops not reported (1996 dollars)	Event records naming jurisdictions in the plan: Westerly town (5 records), Hopkinton town (3 records), Charlestown town (2 records), Exeter town (1 record), North Kingstown town (1 record), Richmond town (1 record).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	3 records, 2012 to 2021	F/EF0 to F/EF1 (median F/EF0); 3 with a recorded value	EF1 tornado, 2021-11-13, 1.1 mi within this county, 100 yd wide, \$50,000 property; \$0 crops (2021 dollars)	Tornado, 2021-11-13, \$50,000 property; \$0 crops (2021 dollars)	Event records naming jurisdictions in the plan: North Kingstown town (1 record), Westerly town (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	76 records, 1996 to 2026 (76 zone-level)		Heavy Snow, 1997-04-01, \$100,000 property; crops not reported (1997 dollars); NWS zone RIZ006		Countywide (zone-level records).	

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of debris flow, lightning and tsunami.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records from zones that no NWS zone-county file places in this county (mostly before 2020) are not counted here (the Methods page explains the zone matching).

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 25 declarations covering 18 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

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

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-03-20	2024-01-09	DR-4766-RI	Major disaster	Severe Storms and Flooding	Inland Flooding	\$811,089.82	within last 5 years	
2024-03-20	2023-12-17	DR-4765-RI	Major disaster	Severe Storm and Flooding	Inland Flooding	PA not declared for this county	within last 5 years	
2023-04-14	2023-04-14	FM-5464-RI	Fire management	Queens River Fire	Wildfire	no Public Assistance recorded	within last 5 years	
2022-05-12	2022-01-28	DR-4653-RI	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$597,908.12	within last 5 years	
2021-08-21	2021-08-20	EM-3563-RI	Emergency	Hurricane Henri	Hurricane	no Public Assistance recorded		
2020-03-30	2020-01-20	DR-4505-RI	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$13,978,852.06		
2020-03-13	2020-01-20	EM-3440-RI	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4505
2015-04-03	2015-01-26	DR-4212-RI	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$619,267.22		
2013-03-22	2013-02-08	DR-4107-RI	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$927,723.50		
2012-11-03	2012-10-26	DR-4089-RI	Major disaster	Hurricane Sandy	Hurricane	\$4,168,911.90		
2012-10-29	2012-10-26	EM-3355-RI	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		same incident as DR-4089
2011-09-03	2011-08-27	DR-4027-RI	Major disaster	Tropical Storm Irene	Hurricane	\$704,515.10		
2011-08-27	2011-08-26	EM-3334-RI	Emergency	Hurricane Irene	Hurricane	no Public Assistance recorded		same incident as DR-4027
2010-03-30	2010-03-12	EM-3311-RI	Emergency	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded		same incident as DR-1894
2010-03-29	2010-03-12	DR-1894-RI	Major disaster	Severe Storms and Flooding	Inland Flooding	\$2,712,200.55		
2005-09-19	2005-08-29	EM-3255-RI	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2005-02-17	2005-01-22	EM-3203-RI	Emergency	Record Snow	Winter Weather	\$484,557.71		
2003-03-27	2003-02-17	EM-3182-RI	Emergency	Snow	Winter Weather	\$207,682.12		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1996-01-24	1996-01-07	DR-1091-RI	Major disaster	Blizzard of 96 (Severe Snow Storm)	Winter Weather	no Public Assistance recorded		
1993-03-16	1993-03-13	EM-3102-RI	Emergency	Blizzards, High Winds & Record Snowfall	Winter Weather	no Public Assistance recorded		
1992-09-16	1992-08-03	EM-3094-RI	Emergency	Water Contamination	Non-natural, not counted	no Public Assistance recorded		
1991-08-26	1991-08-19	DR-913-RI	Major disaster	Hurricane Bob	Hurricane	no Public Assistance recorded		
1985-10-15	1985-09-27	DR-748-RI	Major disaster	Hurricane Gloria	Hurricane	no Public Assistance recorded		
1978-02-16	1978-02-16	DR-548-RI	Major disaster	Snow & Ice	Winter Weather	PA not declared for this county		
1978-02-07	1978-02-07	EM-3058-RI	Emergency	Blizzard & Snowstorms	Winter Weather	no Public Assistance recorded		

School districts and special districts in this county: \$12,310,059.37 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan participants in this county. They have no row of their own in the jurisdiction table, 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), so this line is not added to it.

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.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1955-08-20	1955-08-20	DR-39-RI	Major disaster	Hurricane & Flood	Hurricane (primary); also designated: Inland Flooding
1954-09-02	1954-09-02	DR-23-RI	Major disaster	Hurricanes	Hurricane (primary); also designated: Inland Flooding

FEMA recorded these with designated area Statewide and no county, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Coastal Flooding	11			3	0		1996 to 2026-06-30	
Cold Wave	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	4			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	27			5	0		1955 to 2026-06-30	
Heat Wave	3			1	0		1996 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Hurricane	5			0	5		1996 to 2026-06-30	
Ice Storm	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	29			6	3		1996 to 2026-06-30	
Landslide	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	8			1	0		1996 to 2026-06-30	
Strong Wind	201			25	0		1955 to 2026-06-30	Includes 77 High Wind and 73 Strong Wind records.
Tornado	3			2	0		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
Wildfire	0			0	1		1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Winter Weather	76			7	9		1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2025-06-22	Excessive Heat		\$0 property; \$0 crops (zone total, 2025 dollars)	0, 3	NWS zone RIZ008 (BLOCK ISLAND), zone-level	within last 5 years	deaths or injuries recorded
2021-11-13	Tornado	EF1, 1.1 mi within this county, 100 yd wide	\$50,000 property; \$0 crops (2021 dollars)	0, 0	WHITE ROCK to WESTERLY	within last 5 years	B1-c worst recorded: Tornado
2021-11-13	Tornado	EF0, 1.5 mi within this county, 150 yd wide	\$50,000 property; \$0 crops (2021 dollars)	0, 0	LA FAYETTE to NORTH KINGSTOWN	within last 5 years	B1-c most damaging: Tornado
2021-08-22	Tropical Storm		\$1,000,000 property; \$0 crops (zone total, 2021 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2016-09-13	Drought		\$0 property; \$0 crops (zone total, 2016 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level		B1-c worst recorded: Drought
2012-10-29	Coastal Flood		\$4,700,000 property; \$0 crops (zone total, 2012 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level		B1-c worst recorded: Coastal Flood, Storm Surge/ Tide
2012-10-29	High Wind	75 kt (86 mph) estimated gust	\$75,000 property; \$0 crops (zone total, 2012 dollars)	0, 1	NWS zone RIZ006 (WASHINGTON), zone-level		deaths or injuries recorded
2010-03-29	Flood		\$24,760,000 property; \$0 crops (2010 dollars)	0, 0	ESCOHEAG to WATCH HILL		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2004-08-11	Lightning		damage not reported	1, 1	NARRAGANSETT PIER		deaths or injuries recorded
1998-06-30	Hail	2.75 in	damage not reported	0, 0	RICHMOND		B1-c worst recorded: Hail
1997-04-01	Heavy Snow		\$100,000 property; crops not reported (zone total, 1997 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1990-10-18	Thunderstorm Wind	100 kt (115 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 Excel file, sheet "B1-d Storm Events history" (367 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

Tribal and special-area declarations in this state are listed on the state page.

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

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
Coastal Flooding	3.69	events per year at a location (modeled)	about 3.7 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.723	event-days per year	about 0.723 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	8.6	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	3.41	event-days per year	about 3.41 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	91	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00111	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.111%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.51	events per year	about 1.51 per year	Highly likely	FEMA annualized frequency (modeled)	57.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.38	event-days per year	about 3.38 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	34.1	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.183	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	64	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	1.41	event-days per year	about 1.41 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	59	1946-12-31 to 2014-02-12 (67 years)	countywide	No Storm Events ice storm record, 1996 to 2025
Inland Flooding	0.75	event-days per year	about 0.75 days per year	Likely	Storm Events event-days in 16 of 30 years, 1996 to 2025 (53.3%)	21	1996 to 2023 (28 years)	see B1-f	

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
Landslide	0.105	events per year (modeled)	about 1 in 10 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	20.9	days per year with a strike	about 20.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.12	events per year	about 1.12 per year	Highly likely	FEMA annualized frequency (modeled)	27	1986 to 2023 (38 years)	countywide	
Tornado	0.101	events per year	about 1 in 10 years	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 descriptor: no Storm Events record 1996 to 2025
Wildfire	0.0000217	annual probability at a location	chance a given location in the county burns in a year: 0.00217%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	10.3	event-days per year	about 10.3 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	123	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

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

Intensity bands: historical frequency (Storm Events)

Source: 6

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	13	30	0.433
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	37	30	1.23
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	3	30	0.1
Tornado	EF0-1	1996 to 2025	3	30	0.1
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

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.

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 (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Coastal Flooding	23 of 29	69.6	91.9	99.2	Relatively High 6, Relatively Moderate 7, Relatively Low 5, Very Low 5, No Rating 6
Cold Wave	29 of 29	17.2	25.4	35.6	Relatively Low 28, Very Low 1
Drought	17 of 29	68.8	81.0	91.5	Relatively Low 11, Very Low 6, No Rating 12
Earthquake	29 of 29	21.1	44.9	77.3	Relatively Low 16, Very Low 13
Hail	29 of 29	1.4	3.4	15.0	Very Low 29
Heat Wave	29 of 29	1.7	16.0	37.0	Relatively Low 11, Very Low 18
Hurricane	29 of 29	63.1	75.7	85.3	Relatively Moderate 10, Relatively Low 19
Ice Storm	29 of 29	7.3	59.4	91.4	Relatively High 1, Relatively Moderate 9, Relatively Low 14, Very Low 5
Inland Flooding	29 of 29	7.8	45.5	90.2	Relatively High 5, Relatively Moderate 9, Relatively Low 13, Very Low 2
Landslide	29 of 29	40.2	59.5	83.3	Relatively Low 1, Very Low 28
Lightning	29 of 29	29.5	59.6	84.7	Relatively High 2, Relatively Moderate 20, Relatively Low 7
Strong Wind	29 of 29	17.3	35.1	65.6	Relatively Moderate 2, Relatively Low 25, Very Low 2
Tornado	29 of 29	10.6	28.5	49.7	Relatively Low 13, Very Low 16
Tsunami	0 of 29				Insufficient Data 29
Wildfire	29 of 29	27.6	51.7	69.0	Relatively Low 1, Very Low 28
Winter Weather	29 of 29	23.5	42.1	61.4	Relatively Moderate 9, Relatively Low 20

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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.

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Charlestown town	Town	Approved, expires 2030-11-12	FMA RL 0, SRL 1; any 11	\$702,825.43	7 total; 0 since its plan	Includes \$102,429.84 for declarations not counted as hazard incidents (DR-4505-RI).
Exeter town	Town	Approved, expires 2030-08-20	FMA RL 0, SRL 0; any 0	\$795,586.09	3 total; 0 since its plan	Includes \$24,677.90 for declarations not counted as hazard incidents (DR-4505-RI).
Hopkinton town	Town	Approved, expires 2029-04-23	FMA RL 0, SRL 0; any 0	\$575,233.06	4 total; 0 since its plan	
Narragansett town	Town	Approved, expires 2029-09-24	FMA RL 2, SRL 7; any 24	\$1,621,233.92	0 total; 0 since its plan	Includes \$435,540.72 for declarations not counted as hazard incidents (DR-4505-RI).
New Shoreham town	Town	Approved, expires 2030-05-28	FMA RL 0, SRL 0; any 0	\$108,140.03	0 total; 0 since its plan	
North Kingstown town	Town	Approved, expires 2030-08-19	FMA RL 0, SRL 3; any 14	\$1,096,753.99	12 total; 0 since its plan	Includes \$364,940.63 for declarations not counted as hazard incidents (DR-4505-RI).
Richmond town	Town	Approved, expires 2027-09-13	FMA RL 0, SRL 0; any 1	\$751,346.83	5 total; 0 since its plan	Includes \$4,852.72 for declarations not counted as hazard incidents (DR-4505-RI).
South Kingstown town	Town	Approved, expires 2031-07-06	FMA RL 7, SRL 11; any 28	\$1,257,966.14	1 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$72,855.84 for declarations not counted as hazard incidents (DR-4505-RI).
Westerly town	Town	Approved, expires 2028-03-21	FMA RL 3, SRL 13; any 51	\$3,353,655.68	9 total; 2 since its plan	Includes \$179,296.70 for declarations not counted as hazard incidents (DR-4505-RI).

Repetitive-loss counts are for whole NFIP communities, which can extend beyond this county (see the note in B2-c).

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

County Public Assistance in B1-d also includes applicants filed under the county that are not jurisdictions in this plan (for example state agencies, special districts and nonprofits), so the jurisdiction rows add up to less.

Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts**Local data needed**

The table below gives county-level starting figures; the plan describes impacts for each jurisdiction and its own assets.

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

- Critical facilities and lifelines per hazard
- A problem statement per jurisdiction 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

Sources: 1, 2, 3, 5, 6, 7

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, 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
Coastal Flooding	\$5,182,758,519	n/a	13,366	\$2,339,196	n/a	\$5,833	0.0451%				
Cold Wave	\$33,580,964,074	\$28,571,687	129,802	\$260	\$1,720	\$423,204	under 0.0001%				
Drought	n/a	\$18,660,649	n/a	n/a	\$123,855	n/a	0.664% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$58,106,742,325	n/a	129,839	\$787,144	n/a	\$134,349	0.00135%				
Hail	\$33,580,965,561	\$28,571,687	129,802	\$4,764	\$28	\$1,567	under 0.0001%				
Heat Wave	\$33,580,964,074	\$28,571,687	129,802	\$1	\$2,255	\$416,282	under 0.0001%				
Hurricane	\$33,580,836,165	\$28,571,687	129,801	\$3,167,002	\$232,538	\$82,407	0.00943%				
Ice Storm	\$33,194,420,715	n/a	128,059	\$276,557	n/a	\$33,585	0.000833%				
Inland Flooding	\$33,474,343,640	\$705,053	7,066	\$21,962,421	\$2	\$25,612	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.
Landslide	\$587,881,261	n/a	2,241	\$542	n/a	\$204	under 0.0001%				
Lightning	\$33,580,965,561	n/a	129,802	\$22,672	n/a	\$538,214	under 0.0001%				
Strong Wind	\$33,580,965,561	\$28,571,687	129,802	\$157,120	\$1	\$235,407	0.000468%				
Tornado	\$33,580,965,561	\$28,571,687	129,802	\$546,574	\$370	\$117,201	0.00163%				
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$7,973,091,059	\$7,284,215	36,327	\$11,118	\$1	\$1,533	0.000139%				
Winter Weather	\$33,580,964,074	\$28,571,687	129,802	\$12,677	\$9	\$52,893	under 0.0001%				

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

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 does not add up to the total; the unit total counts each declaration once.

NRI computes earthquake exposure on its own basis, so it exceeds the county building value in B2-a.

Supports FEMA checklist item B2-a: vulnerability (county context)

County context

Source: 5

Measure	Value
Population	129,802
Building value (total, not at risk)	\$33,580,965,561
Agriculture value (total, not at risk)	\$28,571,687
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$29,648,827
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$2,068,292
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	12	Severe repetitive loss, FMA definition (44 CFR 77.2)	35
Repetitive loss, NFIP insurance definition	122	Severe repetitive loss, NFIP insurance definition	24

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county total and NFIP communities

Sources: 1, 4

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	12	35	122	24	129	3	55
of which: Richmond town	0	0	1	0	1	0	0
of which: Charlestown town	0	1	11	1	11	0	6
of which: Narragansett town	2	7	22	4	24	0	13
of which: North Kingstown town	0	3	13	2	14	2	9
of which: South Kingstown town	7	11	25	7	28	0	7
of which: Westerly town	3	13	50	10	51	1	20

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	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>
Charlestown town	445395	0	1	11	1	11	0	6
Exeter town	440032	0	0	0	0	0	0	0
Hopkinton town	440028	0	0	0	0	0	0	0
Narragansett town	445402	2	7	22	4	24	0	13
New Shoreham town	440036	0	0	0	0	0	0	0
North Kingstown town	445404	0	3	13	2	14	2	9
Richmond town	440031	0	0	1	0	1	0	0
South Kingstown town	445407	7	11	25	7	28	0	7
Westerly town	445410	3	13	50	10	51	1	20

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

Jurisdiction 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 jurisdiction row, while the county table counts only its part in this county.

County repeat-flood properties by occupancy group

Sources: 1, 4

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	6	14	83	9	87	0	39
2 to 4 unit residential	0	0	3	0	3	0	0
other residential	0	0	1	0	1	0	1
non-residential	6	21	35	15	38	3	15
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

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. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 110 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <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 2026-09-30, 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 2026-09-30, <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 2026-09-30, <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 2026-09-30, 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_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each item is met.

The plan adds what only the community has: local data on assets, critical facilities, development and each jurisdiction's impacts; local hazard history, including state-declared emergencies; the mitigation strategy; and adoption.

How the federal data are built: National Risk Index values are FEMA's model, not counts of events. Storm Events is more complete from 1996; zone-level records are placed by forecast zone, not by location in the county. Public Assistance for a jurisdiction is matched by applicant name. The Methods page gives every rule and the known edge cases.

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).

Reuse, citation and corrections

Reuse and citation: Hazard Plain text and tables are licensed under Creative Commons Attribution 4.0 International (CC BY 4.0, <https://creativecommons.org/licenses/by/4.0/>); credit Hazard Plain and the release. The underlying federal data are public domain; OpenFEMA data are also subject to the OpenFEMA terms and conditions.

Cite this: Hazard Plain (2026). Washington County, RI: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 44009). Automated baseline. <https://hazardplain.org/ri/44009/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org