

Fairfax County, VA

Risk-assessment baseline packet

County FIPS: 51059 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: Approved, expires 2028-02-22. Plan: PDC 08 Northern Virginia Hazard Mitigation Plan (FEMA plan 108862), approved 2023-02-23.

Update: FEMA tracker shows a plan in progress.

Since the plan was approved on 2023-02-23: 1 new hazard declaration (1 incident) and 177 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$154,720,376 a year), Hurricane (\$18,003,739) and Heat Wave (\$12,529,322).

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; 51059 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.

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Plan clock

Status:	Approved, expires 2028-02-22	Plan:	PDC 08 Northern Virginia Hazard Mitigation Plan (FEMA plan 108862)
Approved:	2023-02-23	Days to expiry:	510
Update underway:	FEMA tracker shows a plan in progress		

What changed since your last plan (approved 2023-02-23)

New federal declarations:	1 new hazard declaration (1 incident): EM-3631-VA (Severe Winter Storm)	Storm Events records since approval:	177 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 3, SRL 7 (44 CFR 77.2); any definition: 103	Repeat-flood change:	this release sets the baseline count.
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>	Update underway	Notes
Fairfax County	County	Approved, expires 2028-02-22	PDC 08 Northern Virginia Hazard Mitigation Plan (FEMA plan 108862)	2023-02-23	2028-02-22	510	FEMA tracker shows a plan in progress	this jurisdiction approved 2023-06-27
Clifton town	Town	Approved, expires 2028-02-22	PDC 08 Northern Virginia Hazard Mitigation Plan (FEMA plan 108862)	2023-02-23	2028-02-22	510	FEMA tracker shows a plan in progress	this jurisdiction approved 2023-05-02
Herndon town	Town	Approved, expires 2028-02-22	PDC 08 Northern Virginia Hazard Mitigation Plan (FEMA plan 108862)	2023-02-23	2028-02-22	510	FEMA tracker shows a plan in progress	this jurisdiction approved 2023-09-12
Vienna town	Town	Approved, expires 2028-02-22	PDC 08 Northern Virginia Hazard Mitigation Plan (FEMA plan 108862)	2023-02-23	2028-02-22	510	FEMA tracker shows a plan in progress	this jurisdiction approved 2023-04-10

Plan 108862 covers 16 other participants, named in the Excel file.

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 High	Relatively High	\$152,745,731	\$14,141	\$1,960,504	\$154,720,376	529	
2	Hurricane	Relatively Moderate	Relatively High	\$17,478,888	\$5,009	\$519,842	\$18,003,739	5	
3	Heat Wave	Relatively High	Relatively High	\$952	\$11	\$12,528,360	\$12,529,322	62	
4	Earthquake	Relatively Moderate	Relatively Moderate	\$7,784,347	n/a	\$3,286,138	\$11,070,485		Storm Events does not record earthquakes.
5	Cold Wave	Relatively Moderate	Relatively High	\$245,840	\$574	\$5,651,965	\$5,898,380	49	Includes 32 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
6	Strong Wind	Relatively High	Relatively High	\$1,281,537	\$12,237	\$3,014,462	\$4,308,237	708	Includes 16 High Wind and 24 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Hail	Relatively High	Relatively High	\$4,017,135	\$168	\$7,700	\$4,025,003	145	
8	Lightning	Very High	Very High	\$219,259	n/a	\$3,673,265	\$3,892,524	15	
9	Tornado	Relatively Low	Relatively Low	\$954,406	\$37	\$968,938	\$1,923,380	12	
10	Winter Weather	Very High	Very High	\$224,918	under \$1	\$1,594,150	\$1,819,068	169	
11	Ice Storm	Relatively Moderate	Relatively High	\$571,426	n/a	\$45,935	\$617,361	5	
12	Coastal Flooding	Relatively Low	Relatively Low	\$228,044	n/a	\$2,017	\$230,060	3	

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	Drought	Relatively Low	Relatively Low	n/a	\$46,917	n/a	\$46,917	10	
14	Wildfire	Very Low	Very Low	\$21,583	under \$1	\$2,783	\$24,366	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Landslide	Relatively Low	Relatively Low	\$10,107	n/a	\$265	\$10,371	0	Declared 1 time; no Storm Events record of this type.
	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 4306 (Relatively Moderate, 80.1); tract 4304 (Relatively Moderate, 78.4); tract 4525.01 (Relatively Low, 77.8)
Hurricane	tract 4405.03 (Relatively Moderate, 86.4); tract 4408 (Relatively Moderate, 84.9); tract 4525.01 (Relatively Moderate, 81.2)
Landslide	tract 4801 (Relatively Low, 94.7); tract 4925 (Relatively Low, 93.5); tract 4922.01 (Relatively Low, 91.8)
Tornado	tract 4405.03 (Relatively Low, 32.5); tract 4408 (Relatively Low, 30.4); tract 4826.01 (Very Low, 26.5)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 4401 (Relatively Low, 68.7); tract 4222.02 (Very Low, 65.5); tract 4921 (Very Low, 59.9)

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 4306 is Census Tract 4306). 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)	3 records, 1996 to 2011 (2 zone-level)		Storm Surge/Tide, 1996-09-06, \$250,000 property; crops not reported (1996 dollars)		No event record names a jurisdiction in the plan. Zone-level records (2) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	17 records, 1998 to 2026 (17 zone-level)	1 day to 11 days (median 2 days); 15 with a recorded value	11 consecutive days, 2026-01-23 to 2026-02-02, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	32 records, 2005 to 2021 (32 zone-level)		No crop damage reported in 32 records.		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	10 records, 1998 to 2007 (10 zone-level)	29 days to 140 days (median 45.5 days); 4 with a recorded value	140 days (about 4.6 months), 1999-05-01 to 1999-09-17, a run of 5 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)	182 records, 1961 to 2026	0.5 in to 3 in (median 1 in); 182 with a recorded value	3 in hail, 2004-08-11; same size also recorded on 1980-04-09	Hail, 1999-04-23, \$3,000,000 property; crops not reported (1999 dollars)	Event records naming jurisdictions in the plan: Herndon town (13 records), Vienna town (7 records), Clifton town (5 records).	
Excessive Heat, Heat	heat index (in event narratives)	62 records, 1996 to 2024 (62 zone-level)	1 day to 8 days (median 2 days); 45 with a recorded value	8 consecutive days, 2002-08-12 to 2002-08-19, zone-level		Countywide (zone-level records).	Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	5 records, 1999 to 2020 (5 zone-level)		Strongest recorded: Tropical Storm record, 2003-09-18 to 2003-09-19, \$18,000,000 property; \$10,000 crops (2003 dollars); NWS zone VAZ053		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)	5 records, 1999 to 2021 (5 zone-level)		Ice Storm, 1999-01-14, \$20,000 property; crops not reported (1999 dollars); NWS zone VAZ053		Countywide (zone-level records).	

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)	529 records, 1996 to 2026 (12 zone-level)		Flash Flood, 2006-06-25, \$11,000,000 property; crops not reported (2006 dollars)		Event records naming jurisdictions in the plan: Vienna town (14 records), Herndon town (10 records), Clifton town (6 records). Zone-level records (12) 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)	15 records, 1997 to 2008		Lightning, 2002-04-28, \$1,200,000 property; crops not reported (2002 dollars)		Event records naming jurisdictions in the plan: Herndon 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)	40 records, 1996 to 2025 (39 zone-level)	30 kt (35 mph) to 59 kt (68 mph) (median 50 kt (58 mph)); 23 with a recorded value	59 kt (68 mph) measured gust, High Wind, 2023-04-01; NWS zone VAZ053	Strong Wind, 2003-11-13, \$1,000,000 property; crops not reported (zone total, 2003 dollars)	No event record names a jurisdiction in the plan. Zone-level records (39) apply countywide.	
Thunderstorm Wind	wind speed (kt and mph)	735 records, 1956 to 2026	35 kt (40 mph) to 78 kt (90 mph) (median 50 kt (58 mph)); 651 with a recorded value	78 kt (90 mph) measured, Thunderstorm Wind, 2000-05-13	Thunderstorm Wind, 2006-07-02, \$5,000,000 property; crops not reported (2006 dollars)	Event records naming jurisdictions in the plan: Clifton town (19 records), Vienna town (17 records), Herndon town (15 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	22 records, 1952 to 2022	F/EF0 to F/EF3 (median F/EF0); 22 with a recorded value	F3 tornado, 1973-04-01, 7.1 mi path length (whole path, pre-1996), 100 yd wide, \$25,000,000 property; crops not recorded (1973 dollars), 37 direct injuries		Event records naming jurisdictions in the plan: Clifton town (1 record), Herndon 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)	169 records, 1996 to 2026 (169 zone-level)		Heavy Snow, 2006-02-12, \$200,000 property; crops not reported (2006 dollars); NWS zone VAZ053		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: 19 declarations covering 16 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

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
2026-01-23	2026-01-22	EM-3631-VA	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded	new since last plan; within last 5 years	
2020-04-02	2020-01-20	DR-4512-VA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$200,306,101.65		
2020-03-13	2020-01-20	EM-3448-VA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4512
2018-09-11	2018-09-13	EM-3403-VA	Emergency	Hurricane Florence	Hurricane	no Public Assistance recorded		
2016-03-07	2016-01-22	DR-4262-VA	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$3,568,301.97		
2012-10-29	2012-10-26	EM-3359-VA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		
2011-11-17	2011-09-08	DR-4045-VA	Major disaster	The Remnants of Tropical Storm Lee	Hurricane	\$1,043,677.11		
2010-04-27	2010-02-05	DR-1905-VA	Major disaster	Severe Winter Storms and Snowstorms	Winter Weather	\$3,259,635.36		
2010-02-16	2009-12-18	DR-1874-VA	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$1,391,090.82		
2006-07-13	2006-06-23	DR-1655-VA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$1,521,172.99		
2005-09-12	2005-08-29	EM-3240-VA	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2003-09-18	2003-09-18	DR-1491-VA	Major disaster	Hurricane Isabel	Hurricane	\$2,170,861.87		
2003-03-27	2003-02-15	DR-1458-VA	Major disaster	Severe Winter Storm, Record/Near Record Snowfall, Heavy Rain,Floodind, and Mudslide	Inland Flooding; Landslide; Winter Weather	\$496,618.78		
2000-02-28	2000-01-25	DR-1318-VA	Major disaster	Severe Winter Storms	Winter Weather	\$226,890.70		
1999-09-18	1999-09-13	DR-1293-VA	Major disaster	Hurricane Floyd Major Disaster Declarations	Hurricane	PA not declared for this county		
1996-01-13	1996-01-06	DR-1086-VA	Major disaster	Blizzard of 96 (Severe Snow Storm)	Winter Weather	no Public Assistance recorded		
1993-03-25	1993-03-13	EM-3112-VA	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1977-01-26	1977-01-26	DR-525-VA	Major disaster	Ice Conditions	Cold Wave	PA not declared for this county		
1972-06-23	1972-06-23	DR-339-VA	Major disaster	Tropical Storm Agnes	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded		

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
1963-03-21	1963-03-21	DR-149-VA	Major disaster	Floods	Inland Flooding
1962-03-09	1962-03-09	DR-123-VA	Major disaster	Severe Storms, High Tides & Flooding	Inland Flooding (primary); also designated: Coastal Flooding
1957-02-01	1957-02-01	DR-68-VA	Major disaster	Floods	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.

Public Assistance filed under this county for declarations that do not list it: 2 rows, \$295,804.59

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4092-VA	2012-11-26	Hurricane Sandy	Fairfax, City of	\$127,206.37
DR-4072-VA	2012-07-27	Severe Storms and Straight-Line Winds	Fairfax, City of	\$168,598.22

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

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	3	0	0	0	0	0	1996 to 2026-06-30	
Cold Wave	49	4	1	5	1	0	1996 to 2026-06-30	Includes 32 Frost/Freeze records.
Drought	10	0	0	0	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.

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
Hail	182	8	2	10	0	0	1955 to 2026-06-30	
Heat Wave	62	3	0	3	0	0	1996 to 2026-06-30	
Hurricane	5	0	0	0	6	0	1996 to 2026-06-30	
Ice Storm	5	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	529	51	22	86	3	0	1996 to 2026-06-30	
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	15	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	775	97	36	137	0	0	1955 to 2026-06-30	Includes 16 High Wind and 24 Strong Wind records.
Tornado	22	0	2	2	1	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
Wildfire	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	169	14	2	21	8	1	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
2026-01-23	Extreme Cold/ Wind Chill		damage not reported	0, 0	NWS zone VAZ053 (FAIRFAX), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2025-05-16	Thunderstorm Wind	56 kt (64 mph) estimated gust	\$25,000 property; crops not reported (2025 dollars)	1, 0	GUM SPGS	new since last plan; within last 5 years	deaths or injuries recorded
2023-04-01	High Wind	59 kt (68 mph) measured gust	\$0 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone VAZ053 (FAIRFAX), zone-level	new since last plan; within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2016-12-17	Winter Weather		damage not reported	1, 4	NWS zone VAZ053 (FAIRFAX), zone-level		deaths or injuries recorded
2006-06-25	Flash Flood		\$11,000,000 property; crops not reported (2006 dollars)	0, 0	HUNTINGTON		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2004-08-11	Hail	3 in	damage not reported	0, 0	ANNANDALE		B1-c worst recorded: Hail
2003-09-18	Tropical Storm		\$18,000,000 property; \$10,000 crops (zone total, 2003 dollars)	0, 0	NWS zone VAZ053 (FAIRFAX), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2002-08-12	Heat		damage not reported	0, 0	NWS zone VAZ053 (FAIRFAX), zone-level		B1-c worst recorded: Excessive Heat, Heat
2002-04-28	Lightning		\$1,200,000 property; crops not reported (2002 dollars)	0, 0	OAKTON		B1-c worst recorded: Lightning
2000-05-13	Thunderstorm Wind	78 kt (90 mph) measured	damage not reported	0, 0	FT BELVOIR		B1-c worst recorded: Thunderstorm Wind
1979-09-05	Tornado	F3, 17.9 mi path length (whole path, pre-1996), 300 yd wide	\$2,500,000 property; crops not recorded (1979 dollars)	1, 6	location not recorded		deaths or injuries recorded
1973-04-01	Tornado	F3, 7.1 mi path length (whole path, pre-1996), 100 yd wide	\$25,000,000 property; crops not recorded (1973 dollars)	0, 37	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,826 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	3.76	events per year at a location (modeled)	about 3.8 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	1.36	event-days per year	about 1.36 days per year	Likely	Storm Events event-days in 9 of 30 years, 1996 to 2025 (30%)	25.4	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	2.17	event-days per year	about 2.17 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	133	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00124	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.124%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	3.91	events per year	about 3.91 per year	Highly likely	FEMA annualized frequency (modeled)	151.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.88	event-days per year	about 5.88 days per year	Likely	Storm Events event-days in 20 of 30 years, 1996 to 2025 (66.7%)	97.7	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0914	events per year	about 1 in 11 years	Possible	FEMA annualized frequency (modeled)	22	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	0.556	event-days per year	about 0.556 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	38	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	5.82	event-days per year	about 5.82 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	163	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	0.335	events per year (modeled)	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	40.9	days per year with a strike	about 40.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	7.78	events per year	about 7.78 per year	Highly likely	FEMA annualized frequency (modeled)	295	1986 to 2023 (38 years)	countywide	
Tornado	0.298	events per year	about 1 in 3 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	0.0000212	annual probability at a location	chance a given location in the county burns in a year: 0.00212%		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	9.74	event-days per year	about 9.74 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	182	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	92	30	3.07
Hail	2.00 in+	1996 to 2025	7	30	0.233
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	589	30	19.6
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	15	30	0.5
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	54	30	1.8
Tornado	EF0-1	1996 to 2025	10	30	0.333
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

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	21 of 274	70.0	78.3	92.5	Relatively Moderate 3, Relatively Low 10, Very Low 8, No Rating 253
Cold Wave	274 of 274	15.9	29.1	49.2	Relatively Moderate 5, Relatively Low 265, Very Low 4
Drought	11 of 274	78.4	82.2	87.1	Relatively Low 9, Very Low 2, No Rating 263
Earthquake	274 of 274	7.3	47.6	80.1	Relatively Moderate 2, Relatively Low 172, Very Low 100
Hail	274 of 274	22.6	57.4	86.6	Relatively Moderate 32, Relatively Low 229, Very Low 13
Heat Wave	274 of 274	1.5	47.6	80.5	Relatively Moderate 82, Relatively Low 183, Very Low 9
Hurricane	274 of 274	48.1	67.5	86.4	Relatively Moderate 19, Relatively Low 252, Very Low 3
Ice Storm	274 of 274	2.5	22.5	69.5	Relatively Moderate 1, Relatively Low 53, Very Low 220
Inland Flooding	274 of 274	0.5	29.0	92.2	Relatively High 11, Relatively Moderate 73, Relatively Low 117, Very Low 73
Landslide	274 of 274	14.6	47.9	94.7	Relatively Low 11, Very Low 263
Lightning	274 of 274	0.5	48.6	82.6	Relatively High 6, Relatively Moderate 126, Relatively Low 135, Very Low 7
Strong Wind	274 of 274	6.0	40.9	75.0	Relatively Moderate 43, Relatively Low 222, Very Low 9
Tornado	274 of 274	1.8	13.4	32.5	Relatively Low 2, Very Low 272
Tsunami	0 of 274				Insufficient Data 274
Wildfire	249 of 274	18.5	32.3	68.7	Relatively Low 1, Very Low 248, No Rating 25
Winter Weather	274 of 274	15.9	67.4	88.6	Relatively High 38, Relatively Moderate 218, Relatively Low 15, Very Low 3

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 FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition	Public Assistance to this jurisdiction FEMA records matched by applicant name; federal share obligated, nominal dollars	Event records naming this place all years; since its plan	Notes
Fairfax County	County	Approved, expires 2028-02-22	FMA RL 3, SRL 7; any 100	\$108,832,982.62	0 total; 0 since its plan	Includes \$100,313,312.33 for declarations not counted as hazard incidents (DR-4512-VA).
Clifton town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 1	\$71,863.03	31 total; 5 since its plan	
Herndon town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 1	\$582,276.97	40 total; 3 since its plan	Includes \$80,324.80 for declarations not counted as hazard incidents (DR-4512-VA).
Vienna town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	38 total; 2 since its plan	

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

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.

- 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 2023-02-23 <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	\$2,800,941,823	n/a	14,428	\$228,044	n/a	\$2,017	0.00814%				
Cold Wave	\$239,078,572,933	\$1,601,097	1,148,223	\$245,840	\$574	\$5,651,965	0.000103%				
Drought	n/a	\$928,324	n/a	n/a	\$46,917	n/a	5.05% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$396,728,153,070	n/a	1,150,309	\$7,784,347	n/a	\$3,286,138	0.00196%				
Hail	\$239,078,583,329	\$1,601,097	1,148,223	\$4,017,135	\$168	\$7,700	0.00168%				
Heat Wave	\$239,078,572,933	\$1,601,097	1,148,223	\$952	\$11	\$12,528,360	under 0.0001%		\$0		
Hurricane	\$239,035,564,646	\$1,601,097	1,147,911	\$17,478,888	\$5,009	\$519,842	0.00731%				
Ice Storm	\$237,153,933,026	n/a	1,138,481	\$571,426	n/a	\$45,935	0.000241%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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 2023-02-23 <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
Inland Flooding	\$238,955,987,438	\$201,184	12,797	\$152,745,731	\$14,141	\$1,960,504	n/a (see note)	\$0			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	\$5,977,166,273	n/a	26,879	\$10,107	n/a	\$265	0.000169%				
Lightning	\$239,078,583,329	n/a	1,148,223	\$219,259	n/a	\$3,673,265	under 0.0001%				
Strong Wind	\$239,078,583,329	\$1,601,097	1,148,223	\$1,281,537	\$12,237	\$3,014,462	0.000536%	\$3,638,000	\$0		
Tornado	\$239,078,583,329	\$1,601,097	1,148,223	\$954,406	\$37	\$968,938	0.000399%				
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$14,983,554,476	\$205,931	100,528	\$21,583	under \$1	\$2,783	0.000144%				
Winter Weather	\$239,078,572,933	\$1,601,097	1,148,223	\$224,918	under \$1	\$1,594,150	under 0.0001%		\$0	no Public Assistance recorded (1 declaration)	

Totals since 2023-02-23 (Storm Events through 2026-06-30): 154 county-coded records, 142 with a damage value recorded (including \$0), \$3,638,000; 23 zone-level records, 9 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: none recorded on the 1 counted declaration.

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	1,148,223
Building value (total, not at risk)	\$239,078,583,329
Agriculture value (total, not at risk)	\$1,601,097
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$185,863,267
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)	\$33,256,323
Social vulnerability rating	Very Low
Community resilience rating	Relatively Moderate
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)	3	Severe repetitive loss, FMA definition (44 CFR 77.2)	7
Repetitive loss, NFIP insurance definition	97	Severe repetitive loss, NFIP insurance definition	0

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

Repeat-flood properties: county and state-level rows

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	3	7	97	0	103	6	33
of which: Herndon town	0	0	1	0	1	0	1
of which: Clifton town	0	0	1	0	1	0	1
of which: Fairfax County (unincorporated area)	3	7	94	0	100	6	31
of which: Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	4	0	4	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

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>
Fairfax County	515525	3	7	94	0	100	6	31
Clifton town	510186	0	0	1	0	1	0	1
Herndon town	510052	0	0	1	0	1	0	1
Vienna town	510053	0	0	0	0	0	0	0

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	3	7	92	0	98	6	32
2 to 4 unit residential	0	0	4	0	4	0	1
other residential	0	0	0	0	0	0	0
non-residential	0	0	1	0	1	0	0
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 3 properties are FMA repetitive loss but not NFIP repetitive loss, and 97 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)
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3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
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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.

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