

Loudoun County, VA

Risk-assessment baseline packet

County FIPS: 51107 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 176 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 (\$37,497,098 a year), Heat Wave (\$5,217,741) and Tornado (\$4,834,088).

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; 51107 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:	176 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 3 (44 CFR 77.2); any definition: 13	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
Loudoun 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 2023-03-07
Hamilton town	Town	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Hillsboro town	Town	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Leesburg 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 2023-03-14
Lovettsville 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 2023-03-23
Middleburg 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	
Purcellville 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 2023-03-14
Round Hill 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 2023-04-19

Plan 108862 covers 14 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 Moderate	Relatively Moderate	\$37,210,075	\$104,621	\$182,402	\$37,497,098	181	
2	Heat Wave	Relatively Moderate	Relatively Moderate	\$205	\$274	\$5,217,262	\$5,217,741	14	
3	Tornado	Relatively Moderate	Relatively Moderate	\$2,399,220	\$1,574	\$2,433,294	\$4,834,088	21	
4	Hurricane	Relatively Low	Relatively Moderate	\$2,743,138	\$212,244	\$137,369	\$3,092,751	0	Declared 4 times; no Storm Events record of this type.
5	Strong Wind	Relatively High	Relatively High	\$410,757	\$93,140	\$2,293,050	\$2,796,947	640	Includes 8 High Wind and 1 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
6	Earthquake	Relatively Low	Relatively Low	\$1,795,001	n/a	\$368,640	\$2,163,641		Storm Events does not record earthquakes.
7	Lightning	Relatively High	Relatively High	\$85,233	n/a	\$1,576,242	\$1,661,475	17	
8	Hail	Relatively Moderate	Relatively Moderate	\$1,144,919	\$5,624	\$2,807	\$1,153,349	134	
9	Drought	Relatively Moderate	Relatively Moderate	n/a	\$1,036,846	n/a	\$1,036,846	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
10	Winter Weather	Relatively High	Relatively High	\$91,557	\$21	\$563,199	\$654,777	96	
11	Cold Wave	Relatively Low	Relatively Low	\$86,284	\$66,955	\$340,154	\$493,393	25	Includes 17 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
12	Ice Storm	Very Low	Relatively Low	\$25,720	n/a	\$15,332	\$41,051	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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	\$27,675	\$23	\$6,661	\$34,359	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$2,001	n/a	\$272	\$2,272	0	Declared 1 time; no Storm Events record of this type.
15	Avalanche	Very Low	Very Low	\$0	n/a	\$55	\$55	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 and landslide 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: coastal flooding, tsunami 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.

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>
Avalanche	tract 6101.01 (Very Low, 8.6)
Earthquake	tract 6105.05 (Relatively Low, 68.6); tract 6110.20 (Relatively Low, 67.1); tract 6104 (Relatively Low, 64.0)
Hurricane	tract 6108 (Relatively Moderate, 80.9); tract 6103 (Relatively Low, 76.3); tract 6110.20 (Relatively Low, 76.3)
Landslide	tract 6108 (Relatively Low, 92.0); tract 6103 (Relatively Low, 88.7); tract 6107.03 (Relatively Low, 83.9)
Tornado	tract 6108 (Relatively Moderate, 62.7); tract 6110.20 (Relatively Moderate, 59.1); tract 6103 (Relatively Moderate, 57.8)
Wildfire	tract 6108 (Relatively Low, 84.7); tract 6102.01 (Relatively Low, 74.6); tract 6103 (Relatively Low, 73.5)

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 6101.01 is Census Tract 6101.01). 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
Avalanche	none (count and damage only)	0					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	8 records, 2018 to 2026 (8 zone-level)	1 day to 11 days (median 2 days); 7 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	17 records, 2015 to 2021 (17 zone-level)		No crop damage reported in 17 records.		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	170 records, 1961 to 2025	0.25 in to 5 in (median 1 in); 170 with a recorded value	5 in hail, 1968-07-02	Hail, 1999-04-23, \$3,000,000 property; crops not reported (1999 dollars)	Event records naming jurisdictions in the plan: Leesburg town (16 records), Middleburg town (12 records), Round Hill town (8 records), Purcellville town (6 records), Hamilton town (3 records), Lovettsville town (2 records), Hillsboro town (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	14 records, 2016 to 2025 (14 zone-level)	1 day to 3 days (median 2 days); 8 with a recorded value	3 consecutive days, 2019-07-19 to 2019-07-21, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					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					
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRI)	181 records, 1996 to 2025		Flash Flood, 1996-01-19, \$1,000,000 property; crops not reported (1996 dollars)		Event records naming jurisdictions in the plan: Leesburg town (27 records), Purcellville town (17 records), Hillsboro town (5 records), Lovettsville town (4 records), Middleburg town (4 records), Round Hill town (4 records), Hamilton town (1 record).	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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	17 records, 1996 to 2022		Lightning, 2022-06-22, \$336,000 property; crops not reported (2022 dollars)		Event records naming jurisdictions in the plan: Leesburg town (2 records), Middleburg town (1 record), Round Hill 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)	9 records, 1997 to 2025 (8 zone-level)	50 kt (58 mph) to 58 kt (67 mph) (median 52.5 kt (60 mph)); 8 with a recorded value	58 kt (67 mph) measured gust, High Wind, 2018-03-02; NWS zone VAZ506	Strong Wind, 1997-06-18, \$30,000 property; crops not reported (1997 dollars)	No event record names a jurisdiction in the plan. Zone-level records (8) apply countywide.	
Thunderstorm Wind	wind speed (kt and mph)	687 records, 1960 to 2026	35 kt (40 mph) to 87 kt (100 mph) (median 52 kt (60 mph)); 595 with a recorded value	87 kt (100 mph), measurement type not recorded, Thunderstorm Wind, 1990-06-09	Thunderstorm Wind, 2022-06-22, \$500,000 property; crops not reported (2022 dollars)	Event records naming jurisdictions in the plan: Leesburg town (44 records), Purcellville town (39 records), Lovettsville town (35 records), Middleburg town (29 records), Round Hill town (22 records), Hamilton town (14 records), Hillsboro town (11 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	28 records, 1954 to 2024	F/EF0 to F/EF2 (median F/EF0); 28 with a recorded value	F2 tornado, 1979-09-05, 0.5 mi path length (whole path, pre-1996), 50 yd wide, \$250,000 property; crops not recorded (1979 dollars), 2 direct injuries	Tornado, 2020-02-07, \$5,780,000 property; \$0 crops (2020 dollars)	Event records naming jurisdictions in the plan: Leesburg town (4 records), Lovettsville town (3 records), Hamilton town (1 record), Middleburg town (1 record), Round Hill 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).
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	96 records, 2014 to 2026 (96 zone-level)		No damage reported in 96 records.		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 avalanche, debris flow and lightning.

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: 16 declarations covering 12 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	\$9,823,525.76		
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	\$1,356,016.76		
2012-11-26	2012-10-26	DR-4092-VA	Major disaster	Hurricane Sandy	Hurricane	\$361,478.98		
2012-10-29	2012-10-26	EM-3359-VA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		same incident as DR-4092
2010-04-27	2010-02-05	DR-1905-VA	Major disaster	Severe Winter Storms and Snowstorms	Winter Weather	\$923,218.72		
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	\$153,427.14		
2003-03-27	2003-02-15	DR-1458-VA	Major disaster	Severe Winter Storm, Record/Near Record Snowfall, Heavy Rain, Flood, and Mudslide	Inland Flooding; Landslide; Winter Weather	\$193,550.72		
2000-02-28	2000-01-25	DR-1318-VA	Major disaster	Severe Winter Storms	Winter Weather	\$45,427.23		
1996-01-27	1996-01-19	DR-1098-VA	Major disaster	Flooding, High Winds, and Wind Driven Rain	Inland Flooding (primary); also designated: Strong Wind	no Public Assistance recorded		
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		
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.

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 records	In the 12 months before plan approval records	Last 5 years records	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	25	4	1	5	0	0	1996 to 2026-06-30	Includes 17 Frost/Freeze records.
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	170	33	4	37	0	0	1955 to 2026-06-30	
Heat Wave	14	3	0	3	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	4	0	1996 to 2026-06-30	No Storm Events records of this type; 4 federal declared incidents (see declarations table)
Ice Storm	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	181	6	10	16	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	17	0	1	1	0	0	1996 to 2026-06-30	
Strong Wind	696	106	35	143	1	0	1955 to 2026-06-30	Includes 8 High Wind and 1 Strong Wind records.
Tornado	28	2	0	2	0	0	1950 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
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	96	22	6	35	7	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 VAZ506 (EASTERN LOUDOUN), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2022-06-22	Lightning		\$336,000 property; crops not reported (2022 dollars)	0, 0	ARCOLA GLASCOCK ARPT	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Lightning
2020-02-07	Tornado	EF0, 3.36 mi within this county, 250 yd wide	\$5,780,000 property; \$0 crops (2020 dollars)	0, 0	WOODBURN to LEESBURG		B1-c most damaging: Tornado
2019-07-19	Heat		damage not reported	0, 0	NWS zone VAZ505 (WESTERN LOUDOUN), zone-level		B1-c worst recorded: Excessive Heat, Heat
2019-02-10	Winter Weather		damage not reported	1, 0	NWS zone VAZ505 (WESTERN LOUDOUN), zone-level		deaths or injuries recorded
2018-03-02	High Wind	58 kt (67 mph) measured gust	damage not reported	0, 0	NWS zone VAZ506 (EASTERN LOUDOUN), zone-level		B1-c worst recorded: High Wind and Strong Wind
2011-07-03	Thunderstorm Wind	56 kt (64 mph) estimated gust	damage not reported	1, 0	LEESBURG		deaths or injuries recorded
2003-11-05	Thunderstorm Wind	52 kt (60 mph) measured gust	\$100,000 property; crops not reported (2003 dollars)	0, 3	PURCELLVILLE		deaths or injuries recorded
1996-01-19	Flash Flood		\$1,000,000 property; crops not reported (1996 dollars)	0, 0	ALL		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1990-06-09	Thunderstorm Wind	87 kt (100 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1979-09-05	Tornado	F2, 0.5 mi path length (whole path, pre-1996), 50 yd wide	\$250,000 property; crops not recorded (1979 dollars)	0, 2	location not recorded		B1-c worst recorded: Tornado
1968-07-02	Hail	5 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,227 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
Avalanche	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Cold Wave	1.76	event-days per year	about 1.76 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	33.4	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	4.06	event-days per year	about 4.06 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	119	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
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	3.92	events per year	about 3.92 per year	Highly likely	FEMA annualized frequency (modeled)	149.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	4.52	event-days per year	about 4.52 days per year	Likely	Storm Events event-days in 7 of 30 years, 1996 to 2025 (23.3%)	75.8	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.094	events per year	about 1 in 11 years	Possible	FEMA annualized frequency (modeled)	28	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	0.583	event-days per year	about 0.583 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	40	1946-12-31 to 2014-02-12 (67 years)	countywide	No Storm Events ice storm record, 1996 to 2025
Inland Flooding	3.04	event-days per year	about 3.04 days per year	Highly likely	Storm Events event-days in 27 of 30 years, 1996 to 2025 (90%)	85	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	0.357	events per year (modeled)	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	38.5	days per year with a strike	about 38.5 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	7.69	events per year	about 7.69 per year	Highly likely	FEMA annualized frequency (modeled)	293	1986 to 2023 (38 years)	countywide	
Tornado	0.346	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	
Wildfire	0.00032	annual probability at a location	chance a given location in the county burns in a year: 0.032%		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	12.3	event-days per year	about 12.3 days per year	Likely	Storm Events event-days in 11 of 30 years, 1996 to 2025 (36.7%)	234	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	96	30	3.2
Hail	2.00 in+	1996 to 2025	5	30	0.167
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	539	30	18
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	17	30	0.567
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	61	30	2.03
Tornado	EF0-1	1996 to 2025	20	30	0.667
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	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	
Avalanche	1 of 75	8.6	8.6	8.6	Very Low 1, Not Applicable 74
Cold Wave	75 of 75	16.9	20.3	33.1	Relatively Low 61, Very Low 14
Drought	30 of 75	74.2	87.6	97.1	Relatively Moderate 7, Relatively Low 15, Very Low 8, No Rating 45
Earthquake	75 of 75	10.1	38.2	68.6	Relatively Low 33, Very Low 42
Hail	75 of 75	24.0	57.6	80.2	Relatively Moderate 7, Relatively Low 65, Very Low 3
Heat Wave	75 of 75	2.0	59.3	81.6	Relatively Moderate 49, Relatively Low 25, Very Low 1
Hurricane	75 of 75	44.2	60.5	80.9	Relatively Moderate 1, Relatively Low 71, Very Low 3
Ice Storm	75 of 75	1.6	4.3	15.8	Very Low 75
Inland Flooding	75 of 75	0.7	22.6	94.4	Relatively High 1, Relatively Moderate 12, Relatively Low 36, Very Low 26
Landslide	75 of 75	12.0	31.9	92.0	Relatively Low 5, Very Low 70
Lightning	75 of 75	8.3	60.3	83.5	Relatively High 5, Relatively Moderate 55, Relatively Low 14, Very Low 1
Strong Wind	75 of 75	28.0	63.1	84.9	Relatively High 1, Relatively Moderate 59, Relatively Low 15
Tornado	75 of 75	22.4	44.6	62.7	Relatively Moderate 9, Relatively Low 64, Very Low 2
Wildfire	73 of 75	19.8	30.4	84.7	Relatively Low 8, Very Low 65, No Rating 2
Winter Weather	75 of 75	35.6	71.9	87.2	Relatively High 12, Relatively Moderate 60, Relatively 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 <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
Loudoun County	County	Approved, expires 2028-02-22	FMA RL 0, SRL 3; any 13	\$10,159,558.60	0 total; 0 since its plan	Includes \$8,890,898.86 for declarations not counted as hazard incidents (DR-4512-VA).
Hamilton town	Town	No approved plan on record	FMA RL 0, SRL 0; any 0	\$6,308.24	19 total; no approved plan	
Hillsboro town	Town	No approved plan on record	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	17 total; no approved plan	
Leesburg town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 0	\$806,215.01	93 total; 5 since its plan	Includes \$31,883.30 for declarations not counted as hazard incidents (DR-4512-VA).
Lovettsville town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 0	\$7,771.94	44 total; 9 since its plan	
Middleburg town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 0	\$59,282.25	47 total; 2 since its plan	
Purcellville town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 0	\$293,877.51	62 total; 6 since its plan	
Round Hill town	Town	Approved, expires 2028-02-22	FMA RL 0, SRL 0; any 0	\$28,531.60	36 total; 5 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
Avalanche	\$0	n/a	under 1	\$0	n/a	\$55					building exposure is 0 in NRI
Cold Wave	\$65,192,744,435	\$56,636,339	418,601	\$86,284	\$66,955	\$340,154	0.000132%				
Drought	n/a	\$35,041,280	n/a	n/a	\$1,036,846	n/a	2.96% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$111,891,968,881	n/a	420,959	\$1,795,001	n/a	\$368,640	0.0016%				
Hail	\$65,192,755,215	\$56,636,339	418,601	\$1,144,919	\$5,624	\$2,807	0.00176%	\$110,000			
Heat Wave	\$65,192,744,435	\$56,636,339	418,601	\$205	\$274	\$5,217,262	under 0.0001%		\$0		
Hurricane	\$65,192,445,824	\$56,636,339	418,590	\$2,743,138	\$212,244	\$137,369	0.00421%				
Ice Storm	\$65,139,209,363	n/a	418,334	\$25,720	n/a	\$15,332	under 0.0001%				

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	\$65,147,166,655	\$3,433,790	1,816	\$37,210,075	\$104,621	\$182,402	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	\$1,111,710,659	n/a	6,188	\$2,001	n/a	\$272	0.00018%				
Lightning	\$65,192,755,215	n/a	418,601	\$85,233	n/a	\$1,576,242	0.000131%				
Strong Wind	\$65,192,755,215	\$56,636,339	418,601	\$410,757	\$93,140	\$2,293,050	0.00063%	\$793,000	\$0		
Tornado	\$65,192,755,215	\$56,636,339	418,601	\$2,399,220	\$1,574	\$2,433,294	0.00368%	\$500,000			
Wildfire	\$2,798,909,767	\$10,316,066	31,719	\$27,675	\$23	\$6,661	0.000989%				
Winter Weather	\$65,192,744,435	\$56,636,339	418,601	\$91,557	\$21	\$563,199	0.00014%		\$0	no Public Assistance recorded (1 declaration)	

Totals since 2023-02-23 (Storm Events through 2026-06-30): 145 county-coded records, 106 with a damage value recorded (including \$0), \$1,403,000; 31 zone-level records, 13 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	418,601
Building value (total, not at risk)	\$65,192,755,215
Agriculture value (total, not at risk)	\$56,636,339
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$47,543,105
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)	\$13,136,738
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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	3
Repetitive loss, NFIP insurance definition	13	Severe repetitive loss, NFIP insurance definition	3

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	0	3	13	3	13	0	6
of which: Loudoun County (unincorporated area)	0	3	13	3	13	0	6
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>
Loudoun County	510090	0	3	13	3	13	0	6
Hamilton town	510352	0	0	0	0	0	0	0
Hillsboro town	510316	0	0	0	0	0	0	0
Leesburg town	510091	0	0	0	0	0	0	0
Lovettsville town	510259	0	0	0	0	0	0	0
Middleburg town	510360	0	0	0	0	0	0	0
Purcellville town	510231	0	0	0	0	0	0	0
Round Hill town	510279	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	0	2	12	2	12	0	6
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	1	1	1	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 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 13 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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.

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