

Lycoming County, PA

Risk-assessment baseline packet

County FIPS: 42081 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 2031-02-25. Plan: Lycoming County Hazard Mitigation Plan (FEMA plan 111511), approved 2026-02-26. Since the plan was approved on 2026-02-26: no new hazard declaration and 13 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 (\$34,822,821 a year), Strong Wind (\$1,745,441) and Tornado (\$1,244,841). 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; 42081 is this area.
D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).
F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.
kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.
CFR: Code of Federal Regulations.
A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).
Dollars: nominal (as reported, labeled with the year), not adjusted for inflation.

CONTENTS

1. Summary and terms used, page 1
2. Plan clock, page 2
3. What changed since your last plan (approved 2026-02-26), page 2
4. B1-a: hazard identification, page 7
5. B1-b: hazard location, page 9
6. B1-c: hazard extent, page 10
7. B1-d: previous occurrences, page 12
8. B1-e: probability of future events, page 16
9. B1-f: hazards that vary across jurisdictions, page 19
10. B2-a and B2-b: vulnerability and potential impacts, page 24
11. B2-a: vulnerability (county context), page 26
12. B2-c: repetitive loss properties, page 26
13. Sources, what the plan adds, disclaimer and citation, page 30

Plan clock

Status:	Approved, expires 2031-02-25	Plan:	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)
Approved:	2026-02-26	Days to expiry:	1,609

What changed since your last plan (approved 2026-02-26)

New federal declarations:	none	Storm Events records since approval:	13 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 50, SRL 109 (44 CFR 77.2); any definition: 545	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: 54 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

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
Lycoming County	County	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		
Dubois town borough	Organized Borough	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-27
Hughesville borough	Organized Borough	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-11
Jersey Shore borough	Organized Borough	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-13
Montgomery borough	Organized Borough	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Montoursville borough	Organized Borough	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-04
Muncy borough	Organized Borough	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-15
Picture Rocks borough	Organized Borough	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Salladasburg borough	Organized Borough	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-26
South Williamsport borough	Organized Borough	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Williamsport city	City	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-03-19
Anthony township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Armstrong township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-09
Bastress township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Brady township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Brown township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-06-09
Cascade township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Clinton township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-13
Cogan House township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Cummings township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-14
Eldred township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Fairfield township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Franklin township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Gamble township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Hepburn township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Jackson township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Jordan township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lewis township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Limestone township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Loyalsock township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-03-24
Lycoming township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
McHenry township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
McIntyre township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-06
McNett township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-07

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Mifflin township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Mill Creek township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Moreland township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Muncy Creek township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-18
Muncy township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Nippenose township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Old Lycoming township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-15
Penn township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Piatt township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-05
Pine township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-14
Plunketts Creek township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Porter township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Shrewsbury township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Susquehanna township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Upper Fairfield township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Washington township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Watson township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-05-21
Wolf township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-13
Woodward township	Township	Approved, expires 2031-02-25	Lycoming County Hazard Mitigation Plan (FEMA plan 111511)	2026-02-26	2031-02-25	1,609		this jurisdiction approved 2026-04-08
River Valley Transit Authority	Transit/Airport	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	Lycoming County Hazard Mitigation Plan (FEMA plan 111511), pending adoption here	2026-02-26 by FEMA; not yet adopted here	2031-02-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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	\$32,131,178	\$54,122	\$2,637,521	\$34,822,821	76	
2	Strong Wind	Relatively High	Relatively High	\$112,521	\$829	\$1,632,091	\$1,745,441	356	Includes 16 High Wind and 2 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
3	Tornado	Relatively Low	Relatively Low	\$688,808	\$828	\$555,206	\$1,244,841	21	
4	Hurricane	Relatively Low	Relatively Low	\$861,619	\$81,596	\$42,649	\$985,864	1	
5	Cold Wave	Relatively Low	Relatively Low	\$872	\$129	\$478,535	\$479,536	21	
6	Lightning	Relatively Moderate	Relatively Moderate	\$6,233	n/a	\$466,219	\$472,452	1	
7	Heat Wave	Relatively Low	Relatively Low	under \$1	\$4,264	\$416,817	\$421,081	5	
8	Winter Weather	Relatively High	Relatively High	\$21,023	\$32	\$353,965	\$375,020	88	
9	Earthquake	Very Low	Very Low	\$209,256	n/a	\$40,320	\$249,577		Storm Events does not record earthquakes.
10	Hail	Very Low	Very Low	\$15,435	\$2,354	\$40,486	\$58,276	90	
11	Landslide	Relatively Low	Relatively Low	\$7,400	n/a	\$16,379	\$23,779	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Avalanche	Relatively Low	Very Low	under \$1	n/a	\$16,057	\$16,058	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Wildfire	Very Low	Very Low	\$9,376	\$11	\$2,453	\$11,840	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
14	Ice Storm	Very Low	Very Low	\$5,582	n/a	\$732	\$6,313	13	
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	7	

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 landslide and wildfire 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 117.02 (Very Low, 69.5); tract 104 (Very Low, 69.3); tract 105.02 (Very Low, 69.2)
Earthquake	tract 108 (Relatively Low, 45.2); tract 119 (Relatively Low, 41.4); tract 106 (Very Low, 38.1)
Hurricane	tract 108 (Relatively Low, 73.8); tract 106 (Relatively Low, 72.6); tract 104 (Relatively Low, 71.3)
Landslide	tract 104 (Relatively Moderate, 96.6); tract 106 (Relatively Moderate, 96.2); tract 101 (Relatively Moderate, 96.0)
Tornado	tract 108 (Relatively Moderate, 59.1); tract 106 (Relatively Moderate, 54.0); tract 111 (Relatively Moderate, 54.0)
Wildfire	tract 112 (Relatively Low, 70.5); tract 106 (Relatively Low, 69.8); tract 101 (Very Low, 66.0)

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 117.02 is Census Tract 117.02). 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	21 records, 2004 to 2025 (21 zone-level)	1 day to 4 days (median 2 days); 18 with a recorded value	4 consecutive days, 2007-02-03 to 2007-02-06, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	7 records, 1997 to 2020 (7 zone-level)	1 day to 70 days (median 31.5 days); 4 with a recorded value	70 days (about 2.3 months), 2020-09-22 to 2020-11-30, a run of 3 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	112 records, 1956 to 2024	0.75 in to 3 in (median 1 in); 110 with a recorded value	3 in hail, 2019-05-28; same size also recorded on 1974-04-14	Hail, 1999-07-30, property not reported; \$500,000 crops (1999 dollars)	Event records naming jurisdictions in the plan: Williamsport city (17 records), Muncy borough (10 records), Muncy township (10 records), Hughesville borough (8 records), Montgomery borough (7 records), Montoursville borough (4 records), Cogan House township (1 record), Picture Rocks borough (1 record), Salladasburg borough (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	5 records, 2006 to 2025 (5 zone-level)	1 day to 3 days (median 2 days); 4 with a recorded value	3 consecutive days, 2025-06-23 to 2025-06-25, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1 record, 2003 (1 zone-level)		Strongest recorded: Tropical Storm record, 2003-09-18 to 2003-09-19, damage not reported; NWS zone PAZ046		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)	13 records, 1997 to 2022 (13 zone-level)		No damage reported in 13 records.		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)	76 records, 1996 to 2025 (21 zone-level)		Flash Flood, 2016-10-21, \$26,000,000 property; \$445,000 crops (2016 dollars)		Event records naming jurisdictions in the plan: Muncy borough (8 records), Muncy township (8 records), Picture Rocks borough (5 records), Hughesville borough (2 records), Montgomery borough (2 records), Bastress township (1 record), Duboistown borough (1 record), Williamsport city (1 record). Zone-level records (21) 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)	1 record, 2024		Lightning, 2024-04-14, \$10,000 property; \$0 crops (2024 dollars)		No event record names a jurisdiction in the plan.	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	18 records, 1996 to 2022 (18 zone-level)	35 kt (40 mph) to 71 kt (82 mph) (median 52 kt (60 mph)); 17 with a recorded value	71 kt (82 mph) measured gust, High Wind, 2006-12-01, 1 direct death (reported for the zone); NWS zone PAZ046	High Wind, 1999-09-16, \$100,000 property; crops not reported (zone total, 1999 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	443 records, 1966 to 2026	39 kt (45 mph) to 87 kt (100 mph) (median 51 kt (59 mph)); 313 with a recorded value	87 kt (100 mph) estimated gust, Thunderstorm Wind, 2016-06-28		Event records naming jurisdictions in the plan: Williamsport city (36 records), Hughesville borough (26 records), Muncy borough (21 records), Muncy township (21 records), Montoursville borough (16 records), Montgomery borough (13 records), Picture Rocks borough (11 records), Duboistown borough (5 records), Moreland township (5 records), Jersey Shore borough (2 records); and 2 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	29 records, 1966 to 2022	F/EF0 to F/EF3 (median F/EF1); 29 with a recorded value	F3 tornado, 1985-05-31, 11 mi path length (whole path, pre-1996), 910 yd wide, \$25,000,000 property; crops not recorded (1985 dollars), 2 direct deaths, 20 direct injuries		Event records naming jurisdictions in the plan: Hughesville borough (2 records), Montoursville borough (2 records), Picture Rocks borough (2 records), Jersey Shore borough (1 record), Muncy borough (1 record), Muncy township (1 record), Salladasburg borough (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).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	88 records, 1996 to 2026 (88 zone-level)		Heavy Snow, 2001-03-04, \$4,000 property; crops not reported (2001 dollars); NWS zone PAZ041		Countywide (zone-level records).	

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

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: 21 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
2024-09-11	2024-08-09	DR-4815-PA	Major disaster	Tropical Storm Debby	Hurricane (primary); also designated: Inland Flooding	\$1,360,623.08	within last 5 years	
2020-03-30	2020-01-20	DR-4506-PA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$707,441.93		
2020-03-13	2020-01-20	EM-3441-PA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4506
2018-11-27	2018-08-10	DR-4408-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,465,650.88		
2016-12-02	2016-10-20	DR-4292-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$2,119,029.35		
2012-10-29	2012-10-26	EM-3356-PA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		
2011-09-12	2011-09-03	DR-4030-PA	Major disaster	Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	\$4,589,423.80		
2011-09-08	2011-09-03	EM-3340-PA	Emergency	Remnants of Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded		same incident as DR-4030
2011-07-13	2011-04-25	DR-4003-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$239,009.11		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2005-09-10	2005-08-29	EM-3235-PA	Emergency	Hurricane Katrina	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	Tropical Depression Ivan	Hurricane	\$1,159,900.02		
2004-09-19	2004-09-08	DR-1555-PA	Major disaster	Severe Storms and Flooding Associated with Tropical Depression Frances	Hurricane; Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county		
2003-03-14	2003-02-14	EM-3180-PA	Emergency	Snow	Winter Weather	\$156,909.45		
1999-09-22	1999-09-06	DR-1298-PA	Major disaster	Tropical Depression Dennis Pa	Inland Flooding (primary); also designated: Hurricane	PA not declared for this county		
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded		
1996-01-13	1996-01-06	DR-1085-PA	Major disaster	Blizzard of 96	Winter Weather	no Public Assistance recorded		
1994-03-10	1994-01-04	DR-1015-PA	Major disaster	Severe Winter Storms	Winter Weather	no Public Assistance recorded		
1993-03-16	1993-03-13	EM-3105-PA	Emergency	Severe Snowfall & Winter Storm	Winter Weather	no Public Assistance recorded		
1985-06-03	1985-05-31	DR-737-PA	Major disaster	Severe Storms, High Winds & Tornadoes	Tornado (primary); also designated: Strong Wind	no Public Assistance recorded		
1975-09-26	1975-09-26	DR-485-PA	Major disaster	Severe Storms, Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		
1972-06-23	1972-06-23	DR-340-PA	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
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado
1959-01-23	1959-01-23	DR-89-PA	Major disaster	Floods	Inland Flooding
1956-08-09	1956-08-09	DR-61-PA	Major disaster	Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-05-21	1956-05-21	DR-58-PA	Major disaster	Severe Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-03-15	1956-03-15	DR-51-PA	Major disaster	Flood	Inland Flooding
1955-08-20	1955-08-20	DR-40-PA	Major disaster	Floods & Rains	Inland Flooding

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

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
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	21	0	0	2	0	0	1996 to 2026-06-30	
Drought	7	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.
Hail	112	0	0	2	0	0	1955 to 2026-06-30	
Heat Wave	5	0	2	2	0	0	1996 to 2026-06-30	
Hurricane	1	0	0	0	6	0	1996 to 2026-06-30	
Ice Storm	13	0	0	1	0	0	1996 to 2026-06-30	
Inland Flooding	76	0	13	19	9	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	1	0	0	1	0	0	1996 to 2026-06-30	
Strong Wind	461	13	14	82	1	0	1955 to 2026-06-30	Includes 16 High Wind and 2 Strong Wind records.
Tornado	29	0	0	1	1	0	1950 to 2026-06-30	
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	88	0	2	12	4	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2025-06-23	Heat		\$0 property; \$0 crops (zone total, 2025 dollars)	0, 0	NWS zone PAZ041 (NORTHERN LYCOMING), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2024-04-14	Lightning		\$10,000 property; \$0 crops (2024 dollars)	0, 0	(IPT)WILLIAMSPORT AR	within last 5 years	B1-c worst recorded: Lightning
2019-05-28	Hail	3 in	\$0 property; \$0 crops (2019 dollars)	0, 0	LINDEN		B1-c worst recorded: Hail
2016-10-21	Flash Flood		\$26,000,000 property; \$445,000 crops (2016 dollars)	0, 0	BODINES to STEAM VLY		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2016-06-28	Thunderstorm Wind	87 kt (100 mph) estimated gust	\$1,000,000 property; \$0 crops (2016 dollars)	0, 0	MORELAND		B1-c worst recorded: Thunderstorm Wind
2010-09-22	Thunderstorm Wind	70 kt (81 mph) estimated gust	\$15,000 property; \$0 crops (2010 dollars)	2, 0	MUNCY		deaths or injuries recorded
2007-02-03	Extreme Cold/ Wind Chill		\$0 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone PAZ041 (NORTHERN LYCOMING), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2006-12-01	High Wind	71 kt (82 mph) measured gust	\$5,000 property; \$0 crops (zone total, 2006 dollars)	1, 0	NWS zone PAZ046 (SOUTHERN LYCOMING), zone-level		B1-c worst recorded: High Wind and Strong Wind
2003-09-18	Tropical Storm		damage not reported	0, 0	NWS zone PAZ046 (SOUTHERN LYCOMING), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2001-03-04	Heavy Snow		\$4,000 property; crops not reported (zone total, 2001 dollars)	0, 0	NWS zone PAZ041 (NORTHERN LYCOMING), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1996-01-19	Flash Flood		damage not reported	6, 0	COUNTYWIDE		deaths or injuries recorded
1985-05-31	Tornado	F3, 11 mi path length (whole path, pre-1996), 910 yd wide	\$25,000,000 property; crops not recorded (1985 dollars)	2, 20	location not recorded		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (814 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).

FEMA's declaration data list no tribal or special-area declarations for this state.

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	2.82	event-days per year	about 2.82 days per year	Likely	Storm Events event-days in 11 of 30 years, 1996 to 2025 (36.7%)	53.5	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI models no drought event-days here (2000 to 2025, 25.25 years; D3 and D4 only); Storm Events has a record in 4 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000645	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0645%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.42	events per year	about 1.42 per year	Highly likely	FEMA annualized frequency (modeled)	54.0 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.51	event-days per year	about 1.51 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	26.9	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0404	events per year	about 1 in 25 years	Possible	FEMA annualized frequency (modeled)	16	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	0.0492	event-days per year	about 0.0492 days per year	Likely	Storm Events event-days in 10 of 30 years, 1996 to 2025 (33.3%)	3	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.89	event-days per year	about 1.89 days per year	Likely	Storm Events event-days in 22 of 30 years, 1996 to 2025 (73.3%)	53	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	1.53	events per year (modeled)	about 1.53 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	32.8	days per year with a strike	about 32.8 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.39	events per year	about 2.39 per year	Highly likely	FEMA annualized frequency (modeled)	91	1986 to 2023 (38 years)	countywide	
Tornado	0.386	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	0.000117	annual probability at a location	chance a given location in the county burns in a year: 0.0117%		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	13.9	event-days per year	about 13.9 days per year	Highly likely	Storm Events event-days in 27 of 30 years, 1996 to 2025 (90%)	263	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	41	30	1.37
Hail	2.00 in+	1996 to 2025	2	30	0.0667
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	280	30	9.33
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	10	30	0.333
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	35	30	1.17
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	13 of 32	66.6	68.7	69.5	Very Low 13, Not Applicable 19
Cold Wave	32 of 32	20.3	27.6	38.1	Relatively Low 32
Drought	0 of 32				No Rating 32
Earthquake	32 of 32	7.0	23.6	45.2	Relatively Low 2, Very Low 30
Hail	32 of 32	12.0	28.0	42.2	Relatively Low 3, Very Low 29
Heat Wave	32 of 32	2.7	18.0	40.1	Relatively Low 18, Very Low 14
Hurricane	32 of 32	50.1	62.0	73.8	Relatively Low 31, Very Low 1
Ice Storm	32 of 32	0.9	2.2	16.3	Very Low 32
Inland Flooding	32 of 32	8.9	78.6	99.2	Very High 2, Relatively High 14, Relatively Moderate 6, Relatively Low 8, Very Low 2
Landslide	32 of 32	12.9	80.7	96.6	Relatively Moderate 4, Relatively Low 12, Very Low 16
Lightning	32 of 32	25.4	55.5	81.0	Relatively High 2, Relatively Moderate 22, Relatively Low 8
Strong Wind	32 of 32	48.2	80.2	93.0	Relatively High 14, Relatively Moderate 16, Relatively Low 2
Tornado	32 of 32	20.5	39.8	59.1	Relatively Moderate 3, Relatively Low 26, Very Low 3
Wildfire	31 of 32	21.3	51.1	70.5	Relatively Low 2, Very Low 29, No Rating 1
Winter Weather	32 of 32	58.5	83.1	94.3	Relatively High 26, Relatively Moderate 6

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, 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.

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
Lycoming County	County	Approved, expires 2031-02-25		\$483,310.57	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$261,980.23 for declarations not counted as hazard incidents (DR-4506-PA).
Dubois town borough	Organized Borough	Approved, expires 2031-02-25	FMA RL 0, SRL 1; any 5	\$13,705.50	6 total; 0 since its plan	
Hughesville borough	Organized Borough	Approved, expires 2031-02-25	FMA RL 0, SRL 0; any 1	\$40,516.32	38 total; 0 since its plan	
Jersey Shore borough	Organized Borough	Approved, expires 2031-02-25	FMA RL 1, SRL 0; any 30	\$50,366.12	3 total; 0 since its plan	
Montgomery borough	Organized Borough	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 1, SRL 3; any 19	\$13,256.58	22 total; no approved plan	
Montoursville borough	Organized Borough	Approved, expires 2031-02-25	FMA RL 1, SRL 1; any 26	\$335,077.08	22 total; 0 since its plan	
Muncy borough	Organized Borough	Approved, expires 2031-02-25	FMA RL 4, SRL 9; any 69	\$79,595.83	40 total; 0 since its plan	
Picture Rocks borough	Organized Borough	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$47,418.12	19 total; no approved plan	
Salladasburg borough	Organized Borough	Approved, expires 2031-02-25	FMA RL 0, SRL 0; any 1	\$14,018.20	4 total; 0 since its plan	
South Williamsport borough	Organized Borough	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	\$60,002.91	0 total; no approved plan	
Williamsport city	City	Approved, expires 2031-02-25	FMA RL 1, SRL 4; any 14	\$321,248.94	54 total; 0 since its plan	
Anthony township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$79,281.59	0 total; no approved plan	
Armstrong township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 0; any 5	\$3,076.84	0 total; 0 since its plan	
Bastress township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	1 total; no approved plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Brady township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$4,549.57	0 total; no approved plan	
Brown township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 1; any 1	\$2,820.98	0 total; 0 since its plan	
Cascade township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$157,218.59	0 total; no approved plan	
Clinton township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 0; any 5	\$17,243.76	0 total; 0 since its plan	
Cogan House township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$40,951.70	2 total; no approved plan	
Cummings township	Township	Approved, expires 2031-02-25	FMA RL 1, SRL 1; any 8	\$21,527.93	0 total; 0 since its plan	
Eldred township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$110,370.53	0 total; no approved plan	
Fairfield township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 1, SRL 2; any 9	\$105,738.36	0 total; no approved plan	
Franklin township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$119,673.55	0 total; no approved plan	
Gamble township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 2	\$461,325.65	0 total; no approved plan	
Hepburn township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 5, SRL 11; any 37	\$145,011.89	0 total; no approved plan	
Jackson township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$29,788.02	0 total; no approved plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Jordan township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$249,734.94	0 total; no approved plan	
Lewis township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 4, SRL 8; any 26	\$1,775,730.07	0 total; no approved plan	
Limestone township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$49,667.09	0 total; no approved plan	
Loyalsock township	Township	Approved, expires 2031-02-25	FMA RL 4, SRL 9; any 38	\$798,566.67	0 total; 0 since its plan	
Lycoming township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 3, SRL 14; any 40	\$33,856.56	0 total; no approved plan	
McHenry township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	no Public Assistance recorded	0 total; no approved plan	
McIntyre township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 3; any 13	\$209,803.37	0 total; 0 since its plan	
McNett township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	0 total; 0 since its plan	
Mifflin township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$5,095.10	0 total; no approved plan	
Mill Creek township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$420,070.64	0 total; no approved plan	
Moreland township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$286,351.63	5 total; no approved plan	
Muncy Creek township	Township	Approved, expires 2031-02-25	FMA RL 4, SRL 4; any 25	\$457,850.03	0 total; 0 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Muncy township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$4,918.89	40 total; no approved plan	
Nippenose township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$13,182	0 total; no approved plan	
Old Lycoming township	Township	Approved, expires 2031-02-25	FMA RL 6, SRL 25; any 82	\$201,565.56	0 total; 0 since its plan	
Penn township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$250,147.09	0 total; no approved plan	
Piatt township	Township	Approved, expires 2031-02-25	FMA RL 2, SRL 1; any 9	\$96,559.51	0 total; 0 since its plan	
Pine township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 1; any 3	\$71,493.16	0 total; 0 since its plan	
Plunketts Creek township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 2, SRL 3; any 23	\$1,552,897.64	0 total; no approved plan	
Porter township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$98,802.08	0 total; no approved plan	
Shrewsbury township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$176,363.57	0 total; no approved plan	
Susquehanna township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 1, SRL 0; any 6	no Public Assistance recorded	0 total; no approved plan	
Upper Fairfield township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 7, SRL 4; any 17	\$65,213.18	0 total; no approved plan	
Washington township	Township	Plan 111511 approved 2026-02-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$350,593.63	0 total; no approved plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Watson township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 1; any 5	\$44,900.60	0 total; 0 since its plan	
Wolf township	Township	Approved, expires 2031-02-25	FMA RL 0, SRL 0; any 0	\$17,192.42	0 total; 0 since its plan	
Woodward township	Township	Approved, expires 2031-02-25	FMA RL 1, SRL 2; any 7	no Public Assistance recorded	0 total; 0 since its plan	

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

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

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

Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts

Local data needed

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

- 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 2026-02-26 <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	\$991,198	n/a	4	under \$1	n/a	\$16,057	under 0.0001%				
Cold Wave	\$24,529,001,473	\$82,048,927	114,105	\$872	\$129	\$478,535	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$43,898,209,670	n/a	114,188	\$209,256	n/a	\$40,320	0.000477%				
Hail	\$24,529,002,479	\$82,048,927	114,105	\$15,435	\$2,354	\$40,486	under 0.0001%				
Heat Wave	\$24,529,001,473	\$82,048,927	114,105	under \$1	\$4,264	\$416,817	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 2026-02-26 <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
Hurricane	\$24,515,375,530	\$81,523,561	114,008	\$861,619	\$81,596	\$42,649	0.00351%				
Ice Storm	\$24,529,002,479	n/a	114,105	\$5,582	n/a	\$732	under 0.0001%				
Inland Flooding	\$24,506,778,305	\$12,026,426	9,398	\$32,131,178	\$54,122	\$2,637,521	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$1,598,647,733	n/a	6,590	\$7,400	n/a	\$16,379	0.000463%				
Lightning	\$24,529,002,479	n/a	114,105	\$6,233	n/a	\$466,219	under 0.0001%				
Strong Wind	\$24,529,002,479	\$82,048,927	114,105	\$112,521	\$829	\$1,632,091	0.000459%	\$52,500			
Tornado	\$24,529,002,479	\$82,048,927	114,105	\$688,808	\$828	\$555,206	0.00281%				
Wildfire	\$3,452,318,459	\$12,464,699	18,601	\$9,376	\$11	\$2,453	0.000272%				
Winter Weather	\$24,529,001,473	\$82,048,927	114,105	\$21,023	\$32	\$353,965	under 0.0001%				

Totals since 2026-02-26 (Storm Events through 2026-06-30): 13 county-coded records, 13 with a damage value recorded (including \$0), \$52,500; 0 zone-level records, 0 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

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	114,105
Building value (total, not at risk)	\$24,529,002,479
Agriculture value (total, not at risk)	\$82,048,927
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$34,213,467
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)	\$6,699,431
Social vulnerability rating	Relatively Moderate
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)	50	Severe repetitive loss, FMA definition (44 CFR 77.2)	109
Repetitive loss, NFIP insurance definition	518	Severe repetitive loss, NFIP insurance definition	83

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	50	109	518	83	545	14	83
of which: Armstrong township	0	0	5	0	5	0	4
of which: Brown township	0	1	1	1	1	0	0
of which: Clinton township	0	0	5	0	5	0	0
of which: Cummings township	1	1	7	0	8	0	0

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>
of which: Duboistown borough	0	1	5	1	5	0	0
of which: Hepburn township	5	11	34	8	37	1	4
of which: Hughesville borough	0	0	1	0	1	0	0
of which: Jersey Shore borough	1	0	30	0	30	0	7
of which: Lewis township	4	8	25	7	26	1	3
of which: Lycoming township	3	14	37	11	40	3	9
of which: McIntyre township	0	3	11	1	13	1	2
of which: Montgomery borough	1	3	19	3	19	0	4
of which: Montoursville borough	1	1	25	0	26	1	4
of which: Muncy borough	4	9	68	7	69	0	10
of which: Muncy Creek township	4	4	23	3	25	0	3
of which: Old Lycoming township	6	25	75	19	82	2	11
of which: Piatt township	2	1	9	1	9	0	0
of which: Plunketts Creek township	2	3	20	1	23	2	4
of which: Porter township	0	0	2	0	2	0	1
of which: Salladasburg borough	0	0	1	0	1	0	1
of which: South Williamsport borough	0	0	6	0	6	0	3
of which: Susquehanna township	1	0	6	0	6	0	0
of which: Upper Fairfield township	7	4	16	4	17	1	1
of which: Watson township	0	1	5	1	5	0	0
of which: Williamsport city	1	4	13	1	14	1	0
of which: Woodward township	1	2	7	2	7	0	0
of which: Pine township	0	1	3	1	3	0	0
of which: Fairfield township	1	2	9	2	9	0	4
of which: Gamble township	1	1	1	0	2	0	1
of which: McHenry township	0	0	3	0	3	0	0
of which: Loyalsock township	4	9	38	9	38	1	6
of which: Shrewsbury township	0	0	1	0	1	0	0
of which: Eldred township	0	0	1	0	1	0	1
of which: Moreland township	0	0	1	0	1	0	0
of which: Muncy township	0	0	1	0	1	0	0
of which: Penn township	0	0	2	0	2	0	0
of which: Mifflin township	0	0	1	0	1	0	0

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>
of which: McNett township	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	1	0	1	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>
Dubois township	420639	0	1	5	1	5	0	0
Hughesville borough	420641	0	0	1	0	1	0	0
Jersey Shore borough	420642	1	0	30	0	30	0	7
Montgomery borough	420646	1	3	19	3	19	0	4
Montoursville borough	420648	1	1	25	0	26	1	4
Muncy borough	420649	4	9	68	7	69	0	10
Picture Rocks borough	420654	0	0	0	0	0	0	0
Salladasburg borough	420657	0	0	1	0	1	0	1
South Williamsport borough	420658	0	0	6	0	6	0	3
Williamsport city	420662	1	4	13	1	14	1	0
Anthony township	420971	0	0	0	0	0	0	0
Armstrong township	420635	0	0	5	0	5	0	4
Bastress township	422472	0	0	0	0	0	0	0
Brady township	421169	0	0	0	0	0	0	0
Brown township	420636	0	1	1	1	1	0	0
Cascade township	421837	0	0	0	0	0	0	0
Clinton township	420637	0	0	5	0	5	0	0
Cogan House township	421838	0	0	0	0	0	0	0
Cummings township	420638	1	1	7	0	8	0	0
Eldred township	421839	0	0	1	0	1	0	1
Fairfield township	420972	1	2	9	2	9	0	4
Franklin township	420973	0	0	0	0	0	0	0
Gamble township	420974	1	1	1	0	2	0	1
Hepburn township	420640	5	11	34	8	37	1	4
Jackson township	422601	0	0	0	0	0	0	0
Jordan township	422596	0	0	0	0	0	0	0
Lewis township	420643	4	8	25	7	26	1	3
Limestone township	422588	0	0	0	0	0	0	0

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>
Loyalsock township	421040	4	9	38	9	38	1	6
Lycoming township	420644	3	14	37	11	40	3	9
McHenry township	420975	0	0	3	0	3	0	0
McIntyre township	420645	0	3	11	1	13	1	2
McNett township	422597	0	0	1	0	1	0	0
Mifflin township	422590	0	0	1	0	1	0	0
Mill Creek township	421845	0	0	0	0	0	0	0
Moreland township	421846	0	0	1	0	1	0	0
Muncy Creek township	420650	4	4	23	3	25	0	3
Muncy township	421847	0	0	1	0	1	0	0
Nippenose township	420651	0	0	0	0	0	0	0
Old Lycoming township	420652	6	25	75	19	82	2	11
Penn township	421848	0	0	2	0	2	0	0
Piatt township	420653	2	1	9	1	9	0	0
Pine township	420954	0	1	3	1	3	0	0
Plunketts Creek township	420655	2	3	20	1	23	2	4
Porter township	420656	0	0	2	0	2	0	1
Shrewsbury township	421148	0	0	1	0	1	0	0
Susquehanna township	420659	1	0	6	0	6	0	0
Upper Fairfield township	420660	7	4	16	4	17	1	1
Washington township	422613	0	0	0	0	0	0	0
Watson township	420661	0	1	5	1	5	0	0
Wolf township	420663	0	0	0	0	0	0	0
Woodward township	420664	1	2	7	2	7	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	46	97	436	74	462	13	74
2 to 4 unit residential	1	7	42	5	43	1	2
other residential	0	0	3	0	3	0	0
non-residential	3	5	37	4	37	0	7
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 6 properties are FMA repetitive loss but not NFIP repetitive loss, and 474 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

This product uses the Federal Emergency Management Agency's OpenFEMA API, but is not endorsed by FEMA. The Federal Government or FEMA cannot vouch for the data or analyses derived from these data after the data have been retrieved from the Agency's website(s).

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