

Yukon-Koyukuk Census Area, AK

Risk-assessment baseline packet

Unit **County area 02290** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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

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

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).

Plan clock

No county-level plan row in FEMA data

What changed since your last plan

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

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

Plan status for every jurisdiction listed in this county: 16 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Allakaket city	City	Expired on 2024-01-17	Allakaket City and Village MJHMP (FEMA plan 104611)	2019-01-18	2024-01-17	-985	FEMA tracker shows a plan in progress	
Circle CDP	Unincorporated	Expired on 2019-07-23	Circle HMP (FEMA plan 25022)	2014-07-23	2019-07-23	-2,624		
Fort Yukon city	City	Expired on 2023-01-10	Fort Yukon HMP (FEMA plan 104579)	2018-01-11	2023-01-10	-1,357	FEMA tracker shows a plan in progress	
Galena city	City	Approved, expires 2027-09-25	Galena City and Louden Tribal Council MJHMP (FEMA plan 108408)	2022-09-26	2027-09-25	362		
Grayling city	City	Expired on 2020-12-22	Grayling HMP (FEMA plan 101411)	2015-12-22	2020-12-22	-2,106		
Holy Cross city	City	Expired on 2018-11-08	Holy Cross HMP (FEMA plan 25045)	2013-11-08	2018-11-08	-2,881		
Hughes city	City	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Huslia city	City	Approved, expires 2027-10-26	Huslia City and Native Village MJHMP (FEMA plan 108508)	2022-10-27	2027-10-26	393		
Kaltag city	City	Expired on 2024-02-11	Kaltag City and Native Village MJHMP (FEMA plan 104999)	2019-02-12	2024-02-11	-960		
Koyukuk city	City	Expired on 2013-10-02	Koyukuk City (FEMA plan 25077)	2008-10-03	2013-10-02	-4,744		
McGrath city	City	Expired on 2023-10-14	McGrath City and Native Village MJHMP (FEMA plan 105140)	2018-10-15	2023-10-14	-1,080		
Nenana city	City	Expired on 2015-09-24	Nenana HMP (FEMA plan 25092)	2010-09-24	2015-09-24	-4,022	FEMA tracker shows a plan in progress	
Nikolai city	City	Approved, expires 2027-10-02	Nikolai HMP (FEMA plan 108518)	2022-10-03	2027-10-02	369		
Ruby city	City	Expired on 2023-03-28	Ruby HMP (FEMA plan 104580)	2018-03-29	2023-03-28	-1,280		
Shageluk city	City	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Tanana city	City	Expired on 2024-03-11	Tanana City and Village MJHMP (FEMA plan 104995)	2019-03-12	2024-03-11	-931		

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Cold Wave	Relatively High	Relatively High	\$3,254	\$0	\$9,273,196	\$9,276,450	51		
2	Wildfire	Relatively Moderate	Relatively Moderate	\$1,219,394	\$0	\$39,538	\$1,258,932	9		
3	Earthquake	Relatively Low	Relatively Low	\$511,595		\$135,731	\$647,327			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
4	Inland Flooding	Very Low	Very Low	\$526,991	\$0	\$50	\$527,042	84		
5	Avalanche	Relatively Moderate	Relatively Low	\$1		\$456,667	\$456,667	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
6	Winter Weather	Relatively Moderate	Relatively Moderate	\$41,948	\$0	\$71,231	\$113,179	312		
7	Landslide	Relatively Moderate	Relatively Low	\$8,516		\$59,381	\$67,897	0		Declared 1 time; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
8	Lightning	Very Low	Very Low	\$1,554		\$24,464	\$26,019	2		
9	Ice Storm	Very Low	Very Low	\$7,671		\$1,038	\$8,709	29		
10	Strong Wind	Very Low	Very Low	\$10	\$0	\$16	\$25	133		Includes 113 High Wind records and 16 Strong Wind records, event types the NRI definition of this hazard leaves out.
11	Hail	Very Low	Very Low	\$6	\$0	under \$1	\$6	3		
12	Volcanic Activity	Very Low	Very Low	under \$1		\$4	\$4	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
13	Tornado	Very Low	Very Low	\$1	\$0	under \$1	\$1	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Drought	No Rating	No Expected Annual Losses		\$0		\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					16	NRI rates this Not Applicable, but 16 Storm Events records of this type exist since 1996; review before omitting.	
	Heat Wave	Insufficient Data	Insufficient Data					0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Hurricane	Not Applicable	Not Applicable					0	NRI rates hurricane Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	4 of 4
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 4
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	4 of 4
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 4
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	4 of 4

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	2 of 4
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 4
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 4
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	4 of 4
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.	4 of 4
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	4 of 4
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	4 of 4
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	2 of 4
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	4 of 4
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 4
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	3 of 4
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	4 of 4
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	4 of 4

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

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	16, 2003 to 2022 (16 zone-level)		Storm Surge/Tide, 2004-10-19, \$4,700,000 property; crops not reported, reported for the zone (2004 dollars); NWS zone AKZ212 (ERN NORTON SOUND NULATO HILLS), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	51, 2001 to 2026 (51 zone-level)	1 day to 33 days (median 2 days); 35 with a recorded value	33 days, 2012-01-01 to 2012-02-02, from 10 records, 1 of them a monthly summary (a monthly summary record covers most or all of a month; it does not count days at wave conditions), zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	3, 2010 to 2024 (3 zone-level)		No hail record can stand as this county's largest: the 3 records with a recorded size reached this county only through an NWS zone that covers more than one county, so the hail may have occurred outside this county (zone-level); they are counted as occurrences.		Zone-level records: applies countywide; national data do not locate these events within the county.	
Excessive Heat, Heat	heat index (narratives)	0					Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Ice Storm	Sperry-Piltz (local data)	29, 2002 to 2025 (29 zone- level)		Ice Storm, 2013-11-13, \$2,000,000 property; \$0 crops, reported for the zone (2013 dollars); NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone- level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	84, 2001 to 2026 (84 zone- level)		Flood, 2003-05-01, \$2,000,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone AKZ223 (DELTANA AND TANANA), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	2, 2006 to 2023 (2 zone- level)		Lightning, 2023-06-23, \$0 property; \$0 crops, reported for the zone (2023 dollars), 1 direct injury (reported for the zone); NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	129, 2001 to 2025 (129 zone-level)	32 kt (37 mph) to 100 kt (115 mph) (median 54 kt (62 mph)); 129 with a recorded value	100 kt (115 mph) estimated gust, High Wind, 2012-09-16; NWS zone AKZ224 (UPR TANANA VLY FORTYMILE), zone-level: may include parts of neighboring counties	Strong Wind, 2022-07-25, \$1,400,000 property; crops not reported, reported for the zone (2022 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	4, 2002 to 2024 (4 zone- level)		No thunderstorm wind record can stand as this county's strongest: the 4 records with a recorded speed reached this county only through an NWS zone that covers more than one county, so the wind may have occurred outside this county (zone-level); they are counted as occurrences.	Thunderstorm Wind, 2024-06-05, \$20,000 property; \$0 crops, reported for the zone (2024 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Tornado	Enhanced Fujita (F before Feb 2007)	0					From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	9, 2002 to 2015 (9 zone- level)		Wildfire, 2010-05-28, \$1,500,000 property; \$0 crops, reported for the zone (2010 dollars); NWS zone AKZ227 (UPPER KUSKOKWIM VALLEY), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	312, 2001 to 2026 (312 zone-level)		Winter Weather, 2015-06-01, \$400 property; \$0 crops, reported for the zone (2015 dollars); NWS zone AKZ223 (DELTANA AND TANANA), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

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

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

SOURCES

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

Supports B1-d: previous occurrences

Declaration rows 19 Counted incidents 17

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

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2025-10-22	2025-10-08	DR-4893-AK	Major disaster	SEVERE STORMS, FLOODING, AND REMNANTS OF TYPHOON HALONG	Inland Flooding (primary); also designated: Strong Wind	none placed in this county by FEMA's record; \$89,127.02 for this declaration is not placed in any county (see the list below)	within last 5 years	part of county
2025-07-06	2025-07-04	FM-5597-AK	Fire management	NENANA RIDGE COMPLEX	Wildfire	none found	within last 5 years	
2023-08-23	2023-05-12	DR-4730-AK	Major disaster	FLOODING	Inland Flooding	\$7,803,813.17	within last 5 years	
2022-06-26	2022-06-21	FM-5442-AK	Fire management	CLEAR FIRE	Wildfire	none found	within last 5 years	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2022-03-24	2021-12-25	DR-4648-AK	Major disaster	SEVERE WINTER STORM AND STRAIGHT-LINE WINDS	Strong Wind; Winter Weather		none found		within last 5 years
2020-04-09	2020-01-20	DR-4533-AK	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted		\$98,570.95		
2020-03-13	2020-01-20	EM-3446-AK	Emergency	COVID-19	Non-natural, not counted		none found		same incident as DR-4533 part of county
2013-06-25	2013-05-17	DR-4122-AK	Major disaster	FLOODING	Inland Flooding		\$4,794,512.43		part of county
2009-06-11	2009-04-28	DR-1843-AK	Major disaster	FLOODING AND ICE JAMS	Inland Flooding		\$279,729.06		part of county
2008-09-26	2008-07-27	DR-1796-AK	Major disaster	SEVERE STORMS, FLOODING, LANDSLIDES, AND MUDSLIDES	Inland Flooding; Landslide		\$1,169,171.82		part of county
2006-08-04	2006-05-13	DR-1657-AK	Major disaster	SNOW MELT AND ICE JAM FLOODING	Inland Flooding		\$252,364.84		part of county
2006-06-08	2006-06-07	FM-2641-AK	Fire management	PARKS HIGHWAY (TAMARACK) FIRE	Wildfire		none found		part of county
2002-11-08	2002-11-03	DR-1440-AK	Major disaster	EARTHQUAKE	Earthquake		\$3,723.88		
2002-06-26	2002-04-27	DR-1423-AK	Major disaster	FLOODING	Inland Flooding		\$23,945		
1994-09-13	1994-08-08	DR-1039-AK	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding		none found		
1991-05-30	1991-04-15	DR-909-AK	Major disaster	HEAVY SNOW, ICE JAMS & FLOODING	Winter Weather		none found		
1989-06-10	1989-05-01	DR-832-AK	Major disaster	FLOODING	Inland Flooding		none found		
1989-05-10	1989-01-15	DR-826-AK	Major disaster	SEVERE FREEZING	Cold Wave		none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
1986-10-27	1986-10-10	DR-782-AK	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

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

SOURCES

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

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

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

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1964-03-28	1964-03-28	DR-168-AK	Major disaster	EARTHQUAKE	Earthquake		
1955-12-22	1955-12-22	DR-46-AK	Major disaster	SEVERE HARDSHIP	Other, not an NRI hazard; not counted		
1954-11-10	1954-11-10	DR-31-AK	Major disaster	SEVERE HARDSHIP	Other, not an NRI hazard; not counted		
1953-10-30	1953-10-30	DR-13-AK	Major disaster	SEVERE HARDSHIP	Other, not an NRI hazard; not counted		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

7 Fire Management declarations (1970-06-26 to 1996-06-05) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

SOURCE

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

Public Assistance not placed in a county in this state: 40 rows, \$21,127,378.43

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4893	2025-10-22	Lower Kuskokwim School District	Lower Yukon REAA	\$32,506.06	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4893	2025-10-22	Asa'carsarmiut Tribal Council	Lower Yukon REAA	\$7,501.69	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4893	2025-10-22	Native Village of Umkumiut	Lower Kuskokwim REAA	\$49,119.27	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4730	2023-08-23	Copper Valley Community Library Association	Valdez–Cordova Census Area	\$114,548.99	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4730	2023-08-23	Glennallen Improvement Corporation	Copper River REAA	\$162,356.68	the applicant is in Copper River Census Area, but FEMA's declaration rows for disaster 4730 do not list that county (Alaska school-area designations carry another county code)
4730	2023-08-23	Glenn Rich Fire Rescue	Copper River REAA	\$109,213.21	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4672	2022-09-23	Lower Kuskokwim School District	Lower Yukon REAA	\$15,922.97	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4672	2022-09-23	Kashunamiut School District	Kashunamiut REAA	\$2,635.55	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4672	2022-09-23	Bering Strait School District	Bering Strait School REAA	\$2,122,815.26	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4667	2022-08-26	Middle Kuskokwim Corporation	Kuspuk REAA	\$67,935.68	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4667	2022-08-26	McGrath, City of	Iditarod REAA	\$222,684.32	the applicant is in Yukon-Koyukuk Census Area, but FEMA's declaration rows for disaster 4667 do not list that county (Alaska school-area designations carry another county code)
4667	2022-08-26	Gulkana Village Council	Copper River REAA	\$1,249,100.93	the applicant is in Copper River Census Area, but FEMA's declaration rows for disaster 4667 do not list that county (Alaska school-area designations carry another county code)
4667	2022-08-26	Glennallen Improvement Corporation	Copper River REAA	\$11,717.17	the applicant is in Copper River Census Area, but FEMA's declaration rows for disaster 4667 do not list that county (Alaska school-area designations carry another county code)
4585	2021-02-17	Tenakee Springs, City of	Chatham REAA	\$795,039.65	the applicant is in Hoonah-Angoon Census Area, but FEMA's declaration rows for disaster 4585 do not list that county (Alaska school-area designations carry another county code)
4585	2021-02-17	Gustavus, City of	Chatham REAA	\$229,458.28	the applicant is in Hoonah-Angoon Census Area, but FEMA's declaration rows for disaster 4585 do not list that county (Alaska school-area designations carry another county code)
4533	2020-04-09	Chatham School District	Chatham REAA	\$80,467.23	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4162	2014-01-23	Nunam Iqua, City of	Lower Yukon REAA	\$1,866,556.54	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 4162 do not list that county (Alaska school-area designations carry another county code)
4162	2014-01-23	Kotlik, City of	Lower Yukon REAA	\$4,824,479.44	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 4162 do not list that county (Alaska school-area designations carry another county code)
4162	2014-01-23	KOTLIK (ANV/ANVSA)	Lower Yukon REAA	\$731,527.49	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 4162 do not list that county (Alaska school-area designations carry another county code)
4122	2013-06-25	Copper Valley Community Library Association	Valdez-Cordova Census Area	\$16,642.01	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
4050	2011-12-22	Lower Kuskokwim School District	Lower Yukon REAA	\$0	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1992	2011-06-10	Association of Village Council Presidents (AVCP) Regional Housing Authority	Lower Kuskokwim REAA	\$154,911.60	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1992	2011-06-10	Middle Kuskokwim Corporation	Kuspuk REAA	\$51,857.64	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1843	2009-06-11	Yupit School District	Yupit REAA	\$157,034.62	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1843	2009-06-11	Emmonak, City of	Yukon Flats REAA	\$6,709,810.19	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 1843 do not list that county (Alaska school-area designations carry another county code)
1843	2009-06-11	Russian Mission (Native name Russian Mission - Yukon), City of	Lower Yukon REAA	\$0	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 1843 do not list that county (Alaska school-area designations carry another county code)
1843	2009-06-11	Lower Kuskokwim School District	Lower Yukon REAA	\$1,336.22	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1843	2009-06-11	Iqurmuit Traditional Council	Lower Yukon REAA	\$0	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1843	2009-06-11	Alakanuk, City of	Lower Yukon REAA	\$323,668.73	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 1843 do not list that county (Alaska school-area designations carry another county code)

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated	Why not placed
				<i>federal share obligated, nominal dollars</i>	
1843	2009-06-11	Kuspuk School District	Kuspuk REAA	\$0	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1666	2006-10-27	Hooper Bay, City of	Lower Yukon REAA	\$247,393.81	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 1666 do not list that county (Alaska school-area designations carry another county code)
1657	2006-08-04	Emmonak, City of	Yukon Flats REAA	\$65,775.86	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 1657 do not list that county (Alaska school-area designations carry another county code)
1657	2006-08-04	Alakanuk, City of	Lower Yukon REAA	\$191,886.96	the applicant is in Kusilvak Census Area, but FEMA's declaration rows for disaster 1657 do not list that county (Alaska school-area designations carry another county code)
1571	2004-11-15	Lower Kuskokwim School District	Lower Yukon REAA	\$61,705.90	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1571	2004-11-15	Bering Strait School District	Bering Strait School REAA	\$110,488.83	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1440	2002-11-08	Copper River School District (REAA)	Copper River REAA	\$162,756.16	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1440	2002-11-08	Alaska Gateway School District (REAA)	Alaska Gateway REAA	\$109,010.40	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1423	2002-06-26	Middle Kuskokwim Corporation	Kuspuk REAA	\$3,870	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1423	2002-06-26	Kuspuk School District	Kuspuk REAA	\$14,565.75	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place
1316	2000-02-17	Copper Valley Electric Association, Incorporated	Kuspuk REAA	\$49,077.34	county field is not a county (for example an Alaska REAA) and the applicant name does not identify one place

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

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	16			1	0		1996 to 2026-06-30	
Cold Wave	51			4	1		1996 to 2026-06-30	
Drought	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0			0	1			No Storm Events record; local data required (e.g., USGS).
Hail	3			1	0		1955 to 2026-06-30	

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Heat Wave	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Hurricane	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	29			4	0		1996 to 2026-06-30	
Inland Flooding	84			15	10		1996 to 2026-06-30	
Landslide	0			0	1		1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	2			1	0		1996 to 2026-06-30	
Strong Wind	133			16	2		1955 to 2026-06-30	Includes 113 High Wind records and 16 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	0			0	0		1950 to 2026-06-30	No recorded events, 1950 to 2026-06-30, NOAA NCEI Storm Events
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	9			0	3		1996 to 2026-06-30	
Winter Weather	312			53	2		1996 to 2026-06-30	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2023-06-23	Lightning		\$0 property; \$0 crops, reported for the zone (2023 dollars)	0, 1	NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Lightning
2022-12-18	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2022 dollars)	1, 0	NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone-level: may include parts of neighboring counties	within last 5 years	deaths or injuries recorded

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2022-07-25	Strong Wind	38 kt (44 mph) measured gust	\$1,400,000 property; crops not reported, reported for the zone (2022 dollars)	0, 2	NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone-level: may include parts of neighboring counties	within last 5 years	B1-c most damaging: High Wind and Strong Wind (outside NRI Strong Wind definition)
2015-06-01	Winter Weather		\$400 property; \$0 crops, reported for the zone (2015 dollars)	0, 0	NWS zone AKZ223 (DELTANA AND TANANA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2015-03-12	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2015 dollars)	2, 0	NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2013-11-13	Ice Storm		\$2,000,000 property; \$0 crops, reported for the zone (2013 dollars)	0, 0	NWS zone AKZ222 (MIDDLE TANANA VALLEY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2012-09-16	High Wind	100 kt (115 mph) estimated gust	\$50,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone AKZ224 (UPR TANANA VLY FORTYMILE), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2012-01-01	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone AKZ216 (LOWER KOYUKUK MIDDLE YKN VLYS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2010-05-28	Wildfire		\$1,500,000 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	NWS zone AKZ227 (UPPER KUSKOKWIM VALLEY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire
2006-02-18	Winter Weather		damage not reported	1, 0	NWS zone AKZ216 (LOWER KOYUKUK MIDDLE YKN VLYS), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2004-10-19	Storm Surge/Tide		\$4,700,000 property; crops not reported, reported for the zone (2004 dollars)	0, 0	NWS zone AKZ212 (ERN NORTON SOUND NULATO HILLS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2003-05-01	Flood		\$2,000,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone AKZ223 (DELTANA AND TANANA), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood

The full list is in the **XLSX** file, sheet "B1-d Storm Events history" (639 rows).

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.0333	events per year	about 1 in 30 years	Possible	FEMA annualized frequency (modeled)	1	1994 to 2023 (30 years)	see B1-f	
Coastal Flooding		events per year at a location (modeled)		Likely		not shown	modeled	see B1-f	Not Applicable in NRI for this county; the descriptor comes from Storm Events, not NRI: Storm Events records in 11 of 30 years, 1996 to 2025.
Cold Wave	5.07	event-days per year	about 5.07 days per year	Likely	event-days in 14 of 30 years, 1996 to 2025 (46.7%)	96.4	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 5.07 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 14 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0	event-days per year	none modeled		event-days in 0 of 30 years, 1996 to 2025 (0%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.092	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 9.2%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	0.000121	events per year	about 1 in 8,296 years	Unlikely	FEMA annualized frequency (modeled)	0.0 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave		event-days per year			event-days in 0 of 30 years, 1996 to 2025 (0%)		2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Hurricane		events per year					1851 to 2024 (Atlantic)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Ice Storm	0.0147	event-days per year	about 0.0147 days per year	Likely	event-days in 11 of 30 years, 1996 to 2025 (36.7%)	1	1946-12-31 to 2014-02-12 (67 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Inland Flooding	0.01	event-days per year	about 0.01 days per year	Likely	event-days in 21 of 30 years, 1996 to 2025 (70%)	0	1996 to 2023 (28 years)	see B1-f	
Landslide	3.65	events per year (modeled)	about 3.65 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	32.9	days per year with a strike	about 32.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.000212	events per year	about 1 in 4,710 years	Unlikely	FEMA annualized frequency (modeled)	1	1986 to 2023 (38 years)	countywide	
Tornado	0.000278	events per year	about 1 in 3,599 years	Unlikely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity	0.0208	annual probability	about 1 in 48 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00982	annual probability at a location	chance a given location in the county burns in a year: 0.982%	Likely	Storm Events records in 6 of 30 years, 1996 to 2025 (20%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	24.9	event-days per year	about 24.9 days per year	Likely	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	473	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the

value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	0	30	0
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	0	30	0
Tornado	EF0-1	1996 to 2025	0	30	0
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

SOURCE

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

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	4 of 4	78.8	79.3	79.5	Relatively Low 4	
Coastal Flooding	0 of 4				Not Applicable 4	
Cold Wave	4 of 4	99.8	99.9	100.0	Very High 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	0 of 4				No Rating 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Earthquake	4 of 4	74.5	80.9	86.3	Relatively Moderate 3, Relatively Low 1	
Hail	2 of 4	0.2	0.6	1.0	Very Low 2, No Rating 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	0 of 4				Insufficient Data 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	0 of 4				Not Applicable 4	
Ice Storm	4 of 4	35.9	41.6	48.4	Relatively Low 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	4 of 4	3.9	9.6	22.0	Relatively Low 1, Very Low 3	
Landslide	4 of 4	98.0	98.9	99.3	Relatively High 1, Relatively Moderate 3	
Lightning	4 of 4	42.7	48.1	52.9	Relatively Moderate 2, Relatively Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	2 of 4	0.3	0.4	0.5	Very Low 2, No Rating 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	4 of 4	0.2	0.2	0.2	Very Low 4	
Tsunami	0 of 4				Not Applicable 4	
Volcanic Activity	3 of 4	40.4	43.9	80.8	Very Low 3, No Rating 1	
Wildfire	4 of 4	97.8	98.2	98.3	Relatively High 4	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Winter Weather	4 of 4	95.8	98.3	98.8	Very High 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

SOURCE

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

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Allakaket city	City	Expired on 2024-01-17		none found	4; 4	No NFIP community ID on this member's plan row.
Circle CDP	Unincorporated	Expired on 2019-07-23		none found	0; 0	No NFIP community ID on this member's plan row.
Fort Yukon city	City	Expired on 2023-01-10	FMA RL 0, SRL 0; any 0	\$413,041.27	1; 1	
Galena city	City	Approved, expires 2027-09-25	FMA RL 0, SRL 1; any 1	\$331,848.17	0; 0	Includes \$93,632.95 for declarations not counted as hazard incidents (DR-4533-AK).
Grayling city	City	Expired on 2020-12-22	FMA RL 0, SRL 0; any 0	none found	2; 0	
Holy Cross city	City	Expired on 2018-11-08		none found	1; 1	No NFIP community ID on this member's plan row.
Hughes city	City	No approved plan on record		\$40,559.21	3; no approved plan	No NFIP community ID on this member's plan row.
Huslia city	City	Approved, expires 2027-10-26	FMA RL 0, SRL 0; any 0	none found	0; 0	
Kaltag city	City	Expired on 2024-02-11	FMA RL 0, SRL 0; any 0	none found	0; 0	
Koyukuk city	City	Expired on 2013-10-02	FMA RL 0, SRL 0; any 0	\$190,529.87	1; 1	
McGrath city	City	Expired on 2023-10-14	FMA RL 0, SRL 0; any 0	\$722,742.81	2; 1	Includes \$4,938 for declarations not counted as hazard incidents (DR-4533-AK).
Nenana city	City	Expired on 2015-09-24	FMA RL 0, SRL 0; any 0	\$1,172,895.70	1; 1	
Nikolai city	City	Approved, expires 2027-10-02	FMA RL 0, SRL 0; any 0	none found	0; 0	
Ruby city	City	Expired on 2023-03-28		none found	0; 0	No NFIP community ID on this member's plan row.
Shageluk city	City	No approved plan on record	FMA RL 0, SRL 0; any 0	none found	1; no approved plan	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Tanana city	City	Expired on 2024-03-11	FMA RL 0, SRL 0; any 0	none found	0; 0	

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

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

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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

Local data required

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$506,310		10	\$1		\$456,667	0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$1,691,226,898	\$0	5,280	\$3,254	\$0	\$9,273,196	0.000192%				
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$2,804,059,520		5,343	\$511,595		\$135,731	0.0182%				
Hail	\$1,691,226,898	\$0	5,280	\$6	\$0	under \$1	under 0.0001%				
Heat Wave											NRI publishes no building exposure for this county

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$1,691,226,898		5,280	\$7,671		\$1,038	0.000454%				
Inland Flooding	\$1,675,668,844	\$0	561	\$526,991	\$0	\$50	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$71,539,788		176	\$8,516		\$59,381	0.0119%				
Lightning	\$1,691,226,898		5,280	\$1,554		\$24,464	under 0.0001%				
Strong Wind	\$1,691,226,898	\$0	5,280	\$10	\$0	\$16	under 0.0001%				
Tornado	\$1,691,226,898	\$0	5,280	\$1	\$0	under \$1	under 0.0001%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$1,691,226,898		5,280	under \$1		\$4	under 0.0001%				
Wildfire	\$521,553,370	\$0	2,022	\$1,219,394	\$0	\$39,538	0.234%				
Winter Weather	\$1,691,226,898	\$0	5,280	\$41,948	\$0	\$71,231	0.00248%				

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

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

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

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

SOURCES

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

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

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

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

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

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

Supports B2-a: context

County context

Measure	Value
Population	5,280
Building value (total, not at risk)	\$1,691,226,898
Agriculture value (total, not at risk)	\$0
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$2,320,942
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)	\$10,061,315
Social vulnerability rating	Very High
Community resilience rating	Very Low
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE

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

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	0	Severe repetitive loss, NFIP insurance definition	0

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties: county total and NFIP communities

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	1	0	0	1	0	0
GALENA, CITY OF	0	1	0	0	1	0	0

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Fort Yukon city	020045	0	0	0	0	0	0	0	
Galena city	020124	0	1	0	0	1	0	0	
Grayling city	020048	0	0	0	0	0	0	0	
Huslia city	020050	0	0	0	0	0	0	0	
Kaltag city	020053	0	0	0	0	0	0	0	
Koyukuk city	020127	0	0	0	0	0	0	0	
McGrath city	020128	0	0	0	0	0	0	0	
Nenana city	025010	0	0	0	0	0	0	0	
Nikolai city	020068	0	0	0	0	0	0	0	
Shageluk city	020082	0	0	0	0	0	0	0	
Tanana city	020087	0	0	0	0	0	0	0	

Per-member types: XLSX sheet 'B2-c Members'.

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	0	1	0	0	1	0	0
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
not reported	0	0	0	0	0	0	0

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

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

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

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

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

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
 2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
 4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <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 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
 6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, 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_Gaz_place_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_Gaz_unsd_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_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
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Cite this: Hazard Plain (2026). Yukon-Koyukuk Census Area, AK: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 02290). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_AK_02290. Preview: automated baseline.