

Prince of Wales-Hyder Census Area, AK

Risk-assessment baseline packet

Unit **County area 02198** 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

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Craig city	City	Expired on 2024-03-03	Craig HMP (FEMA plan 105018)	2019-03-04	2024-03-03	-939		
Hydaburg city	City	Expired on 2016-10-18	Hydaburg HMP (FEMA plan 25050)	2011-10-18	2016-10-18	-3,632		
Kake city	City	Approved, expires 2027-11-07	Kake HMP (FEMA plan 108409)	2022-11-08	2027-11-07	405		
Kasaan city	City	Expired on 2022-11-09	Kasaan City and Native Village MJHMP (FEMA plan 104528)	2017-11-10	2022-11-09	-1,419		
Klawock city	City	Approved, expires 2027-10-11	Klawock HMP (FEMA plan 108330)	2022-10-12	2027-10-11	378		
Thorne Bay city	City	Expired on 2017-01-25	Thorne Bay HMP (FEMA plan 25136)	2012-01-25	2017-01-25	-3,533		

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

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

CONTENTS

1. Plan clock, page 1	7. Supports B1-e: probability, page 12
2. What changed since your last plan, page 1	8. Supports B1-f: variation across the planning area, page 16
3. Supports B1-a: hazards, page 2	9. Supports B2-a and B2-b: assets and impacts, page 17
4. Supports B1-b: location, page 3	10. Supports B2-a: context, page 19
5. Supports B1-c: extent, page 4	11. Supports B2-c: repetitive loss, page 19
6. Supports B1-d: previous occurrences, page 7	12. Sources and OpenFEMA disclaimer, page 20

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 modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury, \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Inland Flooding	Very Low	Very Low	\$371,765	\$0	\$0	\$371,765	1		
2	Tsunami	Very Low	Very Low	\$233,686		\$0	\$233,686	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.
3	Earthquake	Very Low	Very Low	\$107,807		\$11,577	\$119,384			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
4	Landslide	Relatively Moderate	Relatively Low	\$20,227		\$44,113	\$64,340	1		
5	Winter Weather	Relatively Low	Relatively Low	\$7,960	\$0	\$14,689	\$22,650	133		
6	Volcanic Activity	Relatively Low	Relatively Low	\$4,787		\$6,412	\$11,199	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.
7	Ice Storm	Very Low	Very Low	\$174		\$7,887	\$8,062	1		
8	Lightning	Very Low	Very Low	\$225		\$3,799	\$4,024	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.
9	Wildfire	Very Low	Very Low	\$2,016	\$0	\$64	\$2,079	1		

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
10	Cold Wave	Very Low	Very Low	\$5	\$0	\$1,282	\$1,286	4		Includes 4 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
11	Avalanche	Very Low	Very Low	\$1		\$163	\$163	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Tornado	Very Low	Very Low	under \$1	\$0	under \$1	under \$1	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Coastal Flooding	No Rating	No Expected Annual Losses	\$0		\$0	\$0	1		
14	Drought	No Rating	No Expected Annual Losses		\$0		\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Hail	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
16	Strong Wind	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	256		Includes 255 High Wind records, event types the NRI definition of this hazard leaves out.
	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).

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.	2 of 4

Hazard	Location	Census tracts rated
		<i>rated of all tracts</i>
Coastal 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.	0 of 4
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1 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
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 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.	0 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.	3 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.	3 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.	4 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)	1, 2009 to 2009 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					Wind chill: 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
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	4, 2003 to 2009 (4 zone- level)		No crop damage reported in 4 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	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)	0					
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.
Ice Storm	Sperry-Piltz (local data)	1, 2005 to 2005 (1 zone- level)		Ice Storm, 2005-01-18, \$2,000 property; crops not reported, reported for the zone (2005 dollars); NWS zone AKZ029 (MISTY FJORDS), 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	1, 2005 to 2005 (1 zone-level)		Flood, 2005-08-02, \$20,000 property; crops not reported, reported for the zone (2005 dollars); NWS zone AKZ029 (MISTY FJORDS), 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)	1, 2020 to 2020 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	0					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)	255, 1997 to 2026 (255 zone-level)	43 kt (49 mph) to 110 kt (127 mph) (median 60 kt (69 mph)); 255 with a recorded value	110 kt (127 mph) measured gust, High Wind, 2010-10-10; NWS zone AKZ028 (SOUTHERN INNER CHANNELS), zone-level: may include parts of neighboring counties	High Wind, 2003-12-21, \$500,000 property; crops not reported, reported for the zone (2003 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	1, 2019 to 2019 (1 zone-level)		No thunderstorm wind record can stand as this county's strongest: the 1 record 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); it is counted as an occurrence.		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
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)	1, 2005 to 2005 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	133, 1999 to 2026 (133 zone-level)		Heavy Snow, 2003-01-24, \$10,000 property; crops not reported, reported for the zone (2003 dollars); NWS zone AKZ029 (MISTY FJORDS), 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

3

Counted incidents

1

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	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2024-04-06	2023-11-20	DR-4767-AK	Major disaster	SEVERE STORM, FLOODING, AND LANDSLIDES	Landslide (primary); also designated: Inland Flooding	\$847,888.56	within last 5 years	
2020-04-09	2020-01-20	DR-4533-AK	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$33,813.01		
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; Prince of Wales-Outer Ketchikan CA AK split 2008 into Prince of Wales-Hyder CA and Ketchikan Gateway Borough; list on both

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	Why not placed
				<i>federal share obligated, nominal dollars</i>	
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

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
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
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

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
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)
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 <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
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	1			0	0		1996 to 2026-06-30	
Cold Wave	4			0	0		1996 to 2026-06-30	Includes 4 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	0			0	0		1955 to 2026-06-30	No recorded events, 1955 to 2026-06-30, NOAA NCEI Storm Events
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	1			0	0		1996 to 2026-06-30	
Inland Flooding	1			0	1		1996 to 2026-06-30	
Landslide	1			0	1		1996 to 2026-06-30	
Lightning	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Strong Wind	256			34	0		1955 to 2026-06-30	Includes 255 High 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	1			0	0		1996 to 2026-06-30	
Winter Weather	133			34	0		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
2010-10-10	High Wind	110 kt (127 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	NWS zone AKZ028 (SOUTHERN INNER CHANNELS), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2005-08-02	Flood		\$20,000 property; crops not reported, reported for the zone (2005 dollars)	0, 0	NWS zone AKZ029 (MISTY FJORDS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2005-01-18	Ice Storm		\$2,000 property; crops not reported, reported for the zone (2005 dollars)	0, 0	NWS zone AKZ029 (MISTY FJORDS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2003-12-21	High Wind	78 kt (90 mph) measured gust	\$500,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone AKZ028 (SOUTHERN INNER CHANNELS), zone-level: may include parts of neighboring counties		B1-c most damaging: High Wind and Strong Wind (outside NRI Strong Wind definition)
2003-01-24	Heavy Snow		\$10,000 property; crops not reported, reported for the zone (2003 dollars)	0, 0	NWS zone AKZ029 (MISTY FJORDS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet

The full list is in the XLSX file, sheet "B1-d Storm Events history" (398 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	0.01	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.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Coastal Flooding	0	events per year at a location (modeled)	none modeled	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	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. NRI models no coastal flooding event-days here (modeled), but Storm Events has a record in 1 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out, so the two use different thresholds; read them together.
Cold Wave	0.0174	event-days per year	about 0.0174 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	0.166	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	5.6	event-days per year	about 5.6 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	147	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0252	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 2.52%			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	events per year	none modeled	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	0.0149	event-days per year	about 0.0149 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.005	event-days per year	about 0.005 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	0	1996 to 2023 (28 years)	see B1-f	
Landslide	10.1	events per year (modeled)	about 10.1 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	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
Lightning	3.46	days per year with a strike	about 3.46 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0	events per year	none modeled	Unlikely	FEMA annualized frequency (modeled)	0	1986 to 2023 (38 years)	countywide	
Tornado	0.0000137	events per year	about 1 in 73,203 years	Unlikely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami	0.304	annual probability at the most exposed location (used in place of a county value)	chance at the county's most exposed location in a year: 30.4%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Volcanic Activity	0.0005	annual probability	about 1 in 2,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00000984	annual probability at a location	chance a given location in the county burns in a year: 0.000984%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	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	6.92	event-days per year	about 6.92 days per year	Likely	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	65.7	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 rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Avalanche	2 of 4	24.3	25.3	26.2	Very Low 2, Not Applicable 2	
Coastal Flooding	0 of 4				No Rating 3, Not Applicable 1	
Cold Wave	1 of 4	17.8	17.8	17.8	Very Low 1, No Rating 3	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	0.3	49.2	72.0	Relatively Low 2, Very Low 2	
Hail	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.
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	2.0	39.8	48.2	Relatively Low 3, Very Low 1	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	0.3	4.1	15.1	Relatively Low 1, Very Low 3	
Landslide	4 of 4	80.3	91.9	99.6	Relatively High 1, Relatively Moderate 1, Relatively Low 1, Very Low 1	
Lightning	4 of 4	0.5	8.9	16.5	Very 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.
Strong Wind	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.
Tornado	3 of 4	0.2	0.2	0.2	Very Low 3, No Rating 1	
Tsunami	3 of 4	47.9	67.2	80.6	Relatively Moderate 1, Relatively Low 1, Very Low 1, Not Applicable 1	
Volcanic Activity	4 of 4	40.8	78.4	98.2	Relatively Moderate 1, Relatively Low 1, Very Low 2	
Wildfire	4 of 4	36.7	61.4	71.9	Relatively Low 1, Very Low 3	
Winter Weather	4 of 4	25.8	74.6	90.5	Relatively High 2, Relatively Moderate 1, Relatively Low 1	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	Public Assistance matched	Event records naming this place	Notes
			FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition	federal share obligated, nominal dollars	all years; since the member's plan	
Craig city	City	Expired on 2024-03-03		\$817,605.42	0; 0	No NFIP community ID on this member's plan row.
Hydaburg city	City	Expired on 2016-10-18		none found	0; 0	No NFIP community ID on this member's plan row.
Kake city	City	Approved, expires 2027-11-07		none found	0; 0	No NFIP community ID on this member's plan row.
Kasaan city	City	Expired on 2022-11-09		none found	0; 0	No NFIP community ID on this member's plan row.
Klawock city	City	Approved, expires 2027-10-11		none found	0; 0	No NFIP community ID on this member's plan row.
Thorne Bay city	City	Expired on 2017-01-25		\$33,813.01	0; 0	No NFIP community ID on this member's plan row. Includes \$33,813.01 for declarations not counted as hazard incidents (DR-4533-AK).

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	\$615,277		under 1	\$1		\$163	0.000105%				

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
Coastal Flooding	\$0		0	\$0		\$0					building exposure is 0 in NRI
Cold Wave	\$250,088,688	\$0	807	\$5	\$0	\$1,282	under 0.0001%				
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$2,683,665,151		5,753	\$107,807		\$11,577	0.00402%				
Hail	\$1,647,175,805	\$0	5,714	\$0	\$0	\$0	0%				
Heat Wave											NRI publishes no building exposure for this county
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$1,647,175,805		5,714	\$174		\$7,887	under 0.0001%				
Inland Flooding	\$1,589,356,312	\$0	0	\$371,765	\$0	\$0	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	\$160,303,059		537	\$20,227		\$44,113	0.0126%				
Lightning	\$1,647,175,805		5,714	\$225		\$3,799	under 0.0001%				
Strong Wind	\$1,647,175,805	\$0	5,714	\$0	\$0	\$0	0%				
Tornado	\$1,647,175,805	\$0	5,714	under \$1	\$0	under \$1	under 0.0001%				
Tsunami	\$497,008,872		273	\$233,686		\$0	0.047%				
Volcanic Activity	\$1,647,175,805		5,714	\$4,787		\$6,412	0.000291%				
Wildfire	\$693,766,915	\$0	2,305	\$2,016	\$0	\$64	0.000291%				
Winter Weather	\$1,647,175,805	\$0	5,714	\$7,960	\$0	\$14,689	0.000483%				

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	5,714
Building value (total, not at risk)	\$1,647,175,805
Agriculture value (total, not at risk)	\$0
NRI risk rating (all hazards)	Very Low
Expected annual loss, buildings and agriculture, all hazards	\$748,654
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)	\$89,985
Social vulnerability rating	Very High
Community resilience rating	Relatively Moderate
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)	0
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	0	0	0	0	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)

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	0	0	0	0	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_cousubs_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_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip

gazetteer/2024_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

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).

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.

Reuse, citation and corrections

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

Cite this: Hazard Plain (2026). Prince of Wales-Hyder Census Area, AK: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 02198). 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_02198. Preview: automated baseline.