

Navajo County, AZ

Risk-assessment baseline packet

Unit **County area 04017** 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

Status	Approved, expires 2030-06-25	Plan	Navajo County (FEMA plan 108223)
Approved	2025-06-26	Expires	2030-06-25
As of	2026-09-28	Days	1,366 days to expiry

What changed since your last plan (approved 2025-06-26)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	12 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 5	Repeat-flood change	First release: no prior release to compare.

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
Navajo County	County	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		
Holbrook city	City	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		member approved 2025-08-04
Pinetop-Lakeside town	Town	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		member approved 2025-08-04
Show Low city	City	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		member approved 2025-08-04
Snowflake town	Town	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		member approved 2025-08-04
Taylor town	Town	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		member approved 2025-08-04

						Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Jurisdiction	Type	Status	Plan	Approved	Expires			
Winslow city	City	Approved, expires 2030-06-25	Navajo County (FEMA plan 108223)	2025-06-26	2030-06-25	1,366		member approved 2025-08-04

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 (approved 2025-06-26), page 1	8. Supports B1-f: variation across the planning area, page 15
3. Supports B1-a: hazards, page 3	9. Supports B2-a and B2-b: assets and impacts, page 16
4. Supports B1-b: location, page 4	10. Supports B2-a: context, page 18
5. Supports B1-c: extent, page 5	11. Supports B2-c: repetitive loss, page 18
6. Supports B1-d: previous occurrences, page 8	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	Relatively Moderate	Relatively Moderate	\$19,786,923	\$12,540	\$665,626	\$20,465,090	142		
2	Wildfire	Relatively High	Relatively High	\$11,714,378	\$76	\$619,235	\$12,333,689	41		
3	Lightning	Very High	Very High	\$6,121		\$3,427,571	\$3,433,692	5		
4	Cold Wave	Relatively Moderate	Relatively Moderate	\$3,586	\$217	\$1,350,891	\$1,354,693	6		
5	Earthquake	Relatively Low	Relatively Low	\$824,913		\$197,429	\$1,022,342			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
6	Winter Weather	Very High	Relatively High	\$6,666	under \$1	\$515,372	\$522,038	167		
7	Heat Wave	Relatively Low	Relatively Low	\$67	\$2,000	\$279,272	\$281,339	6		
8	Strong Wind	Relatively Low	Relatively Low	\$11,403	\$11	\$219,143	\$230,556	178		Includes 155 High Wind records and 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
9	Drought	Relatively Low	Relatively Low		\$92,239		\$92,239	0		Declared 1 time; no Storm Events record of this type.
10	Ice Storm	Relatively Moderate	Relatively Low	\$154		\$85,755	\$85,909	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
11	Hail	Relatively Low	Very Low	\$60,665	\$1,204	\$18,138	\$80,006	53		
12	Landslide	Relatively Moderate	Relatively Low	\$28,305		\$28,392	\$56,697	1		
13	Tornado	Very Low	Very Low	\$12,503	\$390	\$11,939	\$24,832	20		
14	Avalanche	Very Low	Very Low	\$3		\$322	\$325	2		
15	Volcanic Activity	Very Low	Very Low	under \$1		\$9	\$9	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.
16	Hurricane	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding 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.	12 of 37
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 37
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	30 of 37

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1 of 37
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.	37 of 37
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	37 of 37
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	37 of 37
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 37
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	37 of 37
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.	37 of 37
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.	37 of 37
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	37 of 37
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	37 of 37
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.	37 of 37
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 37
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.	14 of 37
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.	37 of 37
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	37 of 37

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)	2, 2019 to 2022 (2 zone-level)		No damage reported in 2 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.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	6, 2011 to 2022 (6 zone-level)	2 days to 6 days (median 3 days); 5 with a recorded value	6 consecutive days, 2011-01-01 to 2011-01-06, 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
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)	58, 1955 to 2024	0.75 in to 2.75 in (median 1 in); 58 with a recorded value	2.75 in hail, 2018-09-01		Event records naming member places: Snowflake town (5 records), Show Low city (3 records), Winslow city (3 records), Holbrook city (2 records).	
Excessive Heat, Heat	heat index (narratives)	6, 2013 to 2017 (6 zone-level)	2 days to 8 days (median 3 days); 3 with a recorded value	8 consecutive days, 2017-06-17 to 2017-06-24, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	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, 2006 to 2006 (1 zone-level)		No damage reported in 1 records.		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)	142, 1996 to 2025 (1 zone-level)		Flood, 2004-12-28, \$66,000 property; crops not reported, reported for the zone (2004 dollars); NWS zone AZZ016 (EASTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		Event records naming member places: Holbrook city (9 records), Snowflake town (8 records), Taylor town (6 records), Show Low city (4 records), Winslow city (2 records). Zone-level records (1) apply countywide.	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, 2010 to 2010 (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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	5, 2004 to 2013		Lightning, 2009-09-20, \$0 property; \$0 crops (2009 dollars), 1 direct death, 3 direct injuries	Lightning, 2007-09-02, \$50,000 property; \$0 crops (2007 dollars)	Event records naming member places: Show Low city (2 records), Holbrook city (1 record), Winslow city (1 record).	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)	156, 1996 to 2026 (156 zone-level)	35 kt (40 mph) to 87 kt (100 mph) (median 56 kt (64 mph)); 155 with a recorded value	87 kt (100 mph), measurement type not recorded, High Wind, 1999-03-31, 17 direct injuries (reported for the zone); NWS zone AZZ040 (NORTHEAST PLATEAUS AND MESAS SOUTH OF HIGHWAY 264), zone-level: may include parts of neighboring counties	High Wind, 2010-04-28, \$100,000 property; \$0 crops, reported for the zone (2010 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	32, 1962 to 2025	45 kt (52 mph) to 65 kt (75 mph) (median 52 kt (60 mph)); 30 with a recorded value	65 kt (75 mph) measured gust, Thunderstorm Wind, 2006-07-26	Thunderstorm Wind, 1997-04-23, \$6,000 property; \$0 crops (1997 dollars)	Event records naming member places: Winslow city (4 records), Snowflake town (1 record).	
Tornado	Enhanced Fujita (F before Feb 2007)	23, 1960 to 2025	F/EF0; 21 with a recorded value	F0 tornado, 2005-10-18, 30 mi within this county, 100 yd wide, \$10,000 property; crops not reported (2005 dollars)		Event records naming member places: Holbrook city (4 records), Snowflake town (3 records), Winslow city (2 records).	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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Wildfire	acres burned (local data)	41, 1996 to 2021 (35 zone- level)		Wildfire, 2011-06-01, \$58,000,000 property; \$0 crops, reported for the zone (2011 dollars); NWS zone AZZ017 (WHITE MOUNTAINS), zone-level: may include parts of neighboring counties		No event record names a member place. Zone-level records (35) apply countywide.	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)	167, 1996 to 2026 (167 zone-level)		No damage reported in 167 records.		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 21 Counted incidents 15

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
2021-09-13	2021-07-22	DR-4620-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$371,662.73		
2020-04-04	2020-01-20	DR-4524-AZ	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$568,241.66		
2020-03-13	2020-01-20	EM-3442-AZ	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4524
2010-03-18	2010-01-18	DR-1888-AZ	Major disaster	SEVERE WINTER STORMS AND FLOODING	Inland Flooding; Winter Weather	\$994,045.83		
2010-01-24	2010-01-20	EM-3307-AZ	Emergency	SEVERE WINTER STORM	Winter Weather	none found		same incident as DR-1888
2006-09-07	2006-07-25	DR-1660-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	none found		
2006-06-13	2006-06-12	FM-2642-AZ	Fire management	POTATO FIRE	Wildfire	none found		
2005-09-12	2005-08-29	EM-3241-AZ	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2005-02-17	2004-12-28	DR-1581-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$441,213.67		
2003-07-14	2003-07-13	FM-2478-AZ	Fire management	KINISHBA FIRE	Wildfire	none found		
2002-06-25	2002-06-18	DR-1422-AZ	Major disaster	WILDFIRES	Wildfire	\$890,203.66		
2002-06-21	2002-06-20	FM-2430-AZ	Fire management	AZ - CHEDISKI FARMS FIRE - 06/21/2002	Wildfire	none found		same incident as DR-1422
2002-06-19	2002-06-18	FM-2429-AZ	Fire management	RODEO FIRE	Wildfire	none found		same incident as DR-1422
1999-06-12	1999-06-11	FM-2263-AZ	Fire management	AZ - RAINBOW FIRE - 06/11/1999	Wildfire	none found		
1993-01-19	1993-01-05	DR-977-AZ	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding (primary); also designated: Tornado	none found		
1983-10-05	1983-09-23	DR-691-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1980-02-19	1980-02-19	DR-614-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1978-12-21	1978-12-21	DR-570-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1978-03-04	1978-03-04	DR-551-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1977-04-15	1977-04-15	EM-3038-AZ	Emergency	DROUGHT	Drought	none found		
1970-09-22	1970-09-22	DR-294-AZ	Major disaster	HEAVY RAINS & FLASH	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
2000-10-27	2000-10-21	DR-1347-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.
15 Fire Management declarations (1990-06-27 to 1996-06-24) 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)

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	2	0	0	1	0	0	1996 to 2026-06-30	

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
Coastal Flooding	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	6	0	0	2	0	0	1996 to 2026-06-30	
Drought	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	58	0	2	4	0	0	1955 to 2026-06-30	
Heat Wave	6	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	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	0	0	0	1996 to 2026-06-30	
Inland Flooding	142	5	1	26	10	0	1996 to 2026-06-30	
Landslide	1	0	0	0	0	0	1996 to 2026-06-30	
Lightning	5	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	188	3	10	48	0	0	1955 to 2026-06-30	Includes 155 High Wind records and 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
Tornado	23	1	1	4	1	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	41	0	0	0	4	0	1996 to 2026-06-30	
Winter Weather	167	3	4	37	1	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
2023-03-22	Flood		\$0 property; \$0 crops (2023 dollars)	1, 0	ZENIFF to HEBER	within last 5 years	deaths or injuries recorded
2018-09-01	Hail	2.75 in	\$0 property; \$0 crops (2018 dollars)	0, 0	SUN VLY to HOLBROOK		B1-c worst recorded: Hail
2011-06-01	Wildfire		\$58,000,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone AZZ017 (WHITE MOUNTAINS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire
2011-01-01	Extreme Cold/ Wind Chill		\$50,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone AZZ017 (WHITE MOUNTAINS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2010-04-28	High Wind	70 kt (81 mph) measured gust	\$100,000 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	NWS zone AZZ013 (LITTLE COLORADO RIVER VALLEY IN NAVAJO COUNTY), zone-level: may include parts of neighboring counties		B1-c most damaging: High Wind and Strong Wind (outside NRI Strong Wind definition)
2009-09-20	Lightning		\$0 property; \$0 crops (2009 dollars)	1, 3	CLAY SPGS		deaths or injuries recorded
2007-09-02	Lightning		\$50,000 property; \$0 crops (2007 dollars)	0, 0	WINSLOW		B1-c most damaging: Lightning
2006-07-26	Thunderstorm Wind	65 kt (75 mph) measured gust	damage not reported	0, 0	SHOW LOW MUNI ARPT		B1-c worst recorded: Thunderstorm Wind
2005-10-18	Tornado	F0, 30 mi within this county, 100 yd wide	\$10,000 property; crops not reported (2005 dollars)	0, 0	KYKOTSMOVI		B1-c worst recorded: Tornado
2004-12-28	Flood		\$66,000 property; crops not reported, reported for the zone (2004 dollars)	0, 0	NWS zone AZZ016 (EASTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1999-03-31	High Wind	87 kt (100 mph), measurement type not recorded	\$2,000 property; \$0 crops, reported for the zone (1999 dollars)	0, 17	NWS zone AZZ040 (NORTHEAST PLATEAUS AND MESAS SOUTH OF HIGHWAY 264), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1999-03-31	High Wind	81 kt (93 mph), measurement type not recorded	\$25,000 property; \$0 crops, reported for the zone (1999 dollars)	2, 0	NWS zone AZZ013 (LITTLE COLORADO RIVER VALLEY IN NAVAJO COUNTY), zone-level: may include parts of neighboring counties		deaths or injuries recorded

The full list is in the **XLSX** file, sheet "B1-d Storm Events history" (640 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.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0.0171	event-days per year	about 0.0171 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	0.325	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	103	event-days per year	about 103 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	4,732	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.00175	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.175%			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	0.109	events per year	about 1 in 9 years	Likely	FEMA annualized frequency (modeled)	4.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.771	event-days per year	about 0.771 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	13.1	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0	events per year	none modeled	Unlikely	FEMA annualized frequency (modeled)	0	1851 to 2024 (Atlantic); 1949 to 2024 (Pacific)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm- force wind range; federal declarations are counted separately in B1-d and need not match.
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	4.14	event-days per year	about 4.14 days per year	Likely	event-days in 26 of 30 years, 1996 to 2025 (86.7%)	116	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Landslide	2.54	events per year (modeled)	about 2.54 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	47.6	days per year with a strike	about 47.6 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0552	events per year	about 1 in 18 years	Possible	FEMA annualized frequency (modeled)	3	1986 to 2023 (38 years)	countywide	
Tornado	0.395	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity	0.0002	annual probability	about 1 in 5,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00444	annual probability at a location	chance a given location in the county burns in a year: 0.444%	Likely	Storm Events records in 18 of 30 years, 1996 to 2025 (60%)	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	5.79	event-days per year	about 5.79 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	110	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	29	30	0.967
Hail	2.00 in+	1996 to 2025	2	30	0.0667
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	18	30	0.6
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	3	30	0.1
Tornado	EF0-1	1996 to 2025	20	30	0.667
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	12 of 37	31.7	38.1	38.3	Very Low 12, Not Applicable 25	
Coastal Flooding	0 of 37				Not Applicable 37	
Cold Wave	30 of 37	15.8	49.8	85.3	Relatively High 2, Relatively Moderate 14, Relatively Low 9, Very Low 5, No Rating 7	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	1 of 37	96.8	96.8	96.8	Relatively Moderate 1, No Rating 36	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. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	37 of 37	19.4	45.9	80.7	Relatively Moderate 1, Relatively Low 24, Very Low 12	
Hail	37 of 37	8.6	33.7	61.4	Relatively Low 12, Very Low 25	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	37 of 37	3.8	12.5	38.6	Relatively Low 11, Very Low 26	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 37				No Rating 37	
Ice Storm	37 of 37	13.2	38.7	58.4	Relatively Low 24, Very Low 13	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	37 of 37	13.8	49.6	95.4	Relatively High 7, Relatively Moderate 12, Relatively Low 16, Very Low 2	
Landslide	37 of 37	21.8	81.9	99.2	Relatively Moderate 5, Relatively Low 14, Very Low 18	
Lightning	37 of 37	92.4	98.9	99.9	Very High 31, Relatively High 6	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	37 of 37	3.2	27.6	68.8	Relatively Moderate 3, Relatively Low 21, Very Low 13	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	37 of 37	0.4	1.7	24.2	Very Low 37	
Tsunami	0 of 37				Not Applicable 37	
Volcanic Activity	14 of 37	40.1	64.2	74.8	Very Low 14, No Rating 23	
Wildfire	37 of 37	59.8	91.8	99.6	Very High 4, Relatively High 12, Relatively Moderate 6, Relatively Low 9, Very Low 6	

Hazard	Tracts	Risk score min	Median	Max	Tracts by rating	Note
	rated of all	NRI score, 0 to 100				
Winter Weather	37 of 37	63.7	89.3	99.2	Very High 8, Relatively High 22, Relatively Moderate 7	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
Navajo County	County	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 1	\$1,891,942.17	0; 0	Includes \$449,850.38 for declarations not counted as hazard incidents (DR-4524-AZ).
Holbrook city	City	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 0	none found	16; 0	
Pinetop-Lakeside town	Town	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 0	none found	0; 0	
Show Low city	City	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 0	\$46,175.42	9; 0	Includes \$46,175.42 for declarations not counted as hazard incidents (DR-4524-AZ).
Snowflake town	Town	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 1	\$231,651.84	17; 0	
Taylor town	Town	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 1	\$238,396.65	6; 0	
Winslow city	City	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 2	\$93,307.80	12; 1	Includes \$37,432.80 for declarations not counted as hazard incidents (DR-4524-AZ).

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.

- 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 2025-06-26 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$5,523,233		1	\$3		\$322	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$11,634,532,703	\$8,292,292	50,399	\$3,586	\$217	\$1,350,891	under 0.0001%				
Drought		\$4,342,960			\$92,239		2.12% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$36,030,124,978		106,717	\$824,913		\$197,429	0.00229%				
Hail	\$21,221,037,189	\$64,271,407	106,501	\$60,665	\$1,204	\$18,138	0.000286%				
Heat Wave	\$21,221,037,189	\$64,271,407	106,501	\$67	\$2,000	\$279,272	under 0.0001%				
Hurricane	\$21,221,037,189	\$64,271,407	106,501	\$0	\$0	\$0	0%				
Ice Storm	\$21,221,037,189		106,501	\$154		\$85,755	under 0.0001%				
Inland Flooding	\$21,214,278,548	\$29,418,520	5,165	\$19,786,923	\$12,540	\$665,626	n/a (see note)	\$0			NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$293,504,663		1,336	\$28,305		\$28,392	0.00964%				
Lightning	\$21,221,037,189		106,501	\$6,121		\$3,427,571	under 0.0001%				
Strong Wind	\$21,221,037,189	\$64,271,407	106,501	\$11,403	\$11	\$219,143	under 0.0001%	\$0	\$0		
Tornado	\$21,221,037,189	\$64,271,407	106,501	\$12,503	\$390	\$11,939	under 0.0001%	\$0			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$21,221,037,189		106,501	under \$1		\$9	under 0.0001%				
Wildfire	\$7,704,347,752	\$33,025,331	49,774	\$11,714,378	\$76	\$619,235	0.152%				
Winter Weather	\$21,221,037,189	\$64,271,407	106,501	\$6,666	under \$1	\$515,372	under 0.0001%		\$0		

Totals since 2025-06-26 (Storm Events through 2026-06-30): 7 county-coded records, 7 with a damage value recorded (including \$0), \$0; 5 zone-level records, 5 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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	106,501
Building value (total, not at risk)	\$21,221,037,189
Agriculture value (total, not at risk)	\$64,271,407
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$32,564,364
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)	\$7,419,095
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)	0
Repetitive loss, NFIP insurance definition	5	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.

SOURCESFEMA, 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 and state-level rows**

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	5	0	5	0	1
NAVAJO COUNTY *	0	0	1	0	1	0	0
SNOWFLAKE, TOWN OF	0	0	1	0	1	0	0
TAYLOR, TOWN OF	0	0	1	0	1	0	0
WINSLOW, CITY OF	0	0	2	0	2	0	1
State level, not in this county: county not reported	0	1	0	0	1	1	0

SOURCESFEMA, 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
Navajo County	040066	0	0	1	0	1	0	0	
Holbrook city	040067	0	0	0	0	0	0	0	
Pinetop-Lakeside town	040127	0	0	0	0	0	0	0	
Show Low city	040069	0	0	0	0	0	0	0	
Snowflake town	040070	0	0	1	0	1	0	0	
Taylor town	040071	0	0	1	0	1	0	0	
Winslow city	040072	0	0	2	0	2	0	1	

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.

SOURCESFEMA, 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	5	0	5	0	1
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0

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>
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 5 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_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_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). Navajo County, AZ: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 04017). 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_AZ_04017. Preview: automated baseline.