

Coconino County, AZ

Risk-assessment baseline packet

Unit **County area 04005** 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	No approved plan on record	Plan	none
Approved	none	Expires	none
As of	2026-09-28	Update underway	FEMA tracker shows a plan in review

FEMA's plan status data lists no approved plan for this jurisdiction.

What changed since your last plan

Not available. No approved plan on record, 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
Coconino County	County	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Flagstaff city	City	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Fredonia town	Town	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Page city	City	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Tusayan town	Town	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Williams city	City	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	

						Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Jurisdiction	Type	Status	Plan	Approved	Expires			
Northern Arizona University	School/School District	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	

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.

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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 High	Relatively High	\$63,475,176	\$54	\$22,187,350	\$85,662,580	331		
2	Wildfire	Relatively High	Relatively High	\$27,486,245	\$93	\$1,017,296	\$28,503,633	74		
3	Lightning	Very High	Very High	\$23,314		\$5,431,071	\$5,454,385	19		
4	Earthquake	Relatively Moderate	Relatively Moderate	\$3,533,406		\$1,205,411	\$4,738,817			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Cold Wave	Relatively Moderate	Relatively Moderate	\$12,199	\$711	\$3,192,437	\$3,205,347	12		
6	Winter Weather	Very High	Very High	\$14,469	under \$1	\$1,182,790	\$1,197,260	245		
7	Heat Wave	Relatively Low	Relatively Low	\$33	\$1,216	\$598,434	\$599,683	8		
8	Avalanche	Relatively Moderate	Relatively Low	\$38		\$456,667	\$456,704	7		
9	Landslide	Relatively Moderate	Relatively Moderate	\$211,367		\$97,857	\$309,224	6		
10	Hail	Relatively Low	Relatively Low	\$242,480	\$2	\$53,821	\$296,304	150		
11	Tornado	Very Low	Very Low	\$173,342	\$684	\$121,830	\$295,855	35		

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
12	Ice Storm	Relatively Low	Relatively Low	\$260		\$102,657	\$102,916	3		
13	Strong Wind	Very Low	Very Low	\$16,114	\$273	\$84,882	\$101,268	202		Includes 170 High Wind records and 3 Strong Wind records, event types the NRI definition of this hazard leaves out.
14	Drought	Very Low	Very Low		\$10,659		\$10,659	7		
15	Volcanic Activity	Relatively Low	Relatively Low	\$1,264		\$1,594	\$2,857	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.	18 of 39
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 39
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	32 of 39
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1 of 39

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
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.	38 of 39
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39
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 39
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39
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.	38 of 39
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.	38 of 39
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39
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.	38 of 39
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 39
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.	38 of 39
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.	38 of 39
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 39

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)	7, 2005 to 2022 (7 zone-level)		No damage reported in 7 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	12, 2011 to 2023 (12 zone-level)	1 day to 3 days (median 2 days); 11 with a recorded value	3 consecutive days, 2020-10-25 to 2020-10-27, 2 direct deaths, zone-level	Extreme Cold/Wind Chill, 2011-01-01, \$1,000,000 property; \$0 crops, reported for the zone (2011 dollars)	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	7, 1999 to 2006 (7 zone-level)	28 days to 122 days (median 31 days); 4 with a recorded value	122 days (4 months), 2002-03-01 to 2002-06-30, a run of 4 consecutive Storm Events drought records, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	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)	177, 1962 to 2025	0.25 in to 3 in (median 1 in); 176 with a recorded value	3 in hail, 1998-07-19	Hail, 2011-09-12, \$50,000 property; \$0 crops (2011 dollars)	Event records naming member places: Flagstaff city (37 records), Williams city (5 records), Tusayan town (2 records), Fredonia town (1 record), Page city (1 record).	
Excessive Heat, Heat	heat index (narratives)	8, 2003 to 2017 (8 zone-level)	1 day to 7 days (median 2.5 days); 4 with a recorded value	7 consecutive days, 2017-06-18 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. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
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)	3, 2006 to 2021 (3 zone-level)		Ice Storm, 2010-12-17, \$100,000 property; \$0 crops, reported for the zone (2010 dollars); NWS zone AZZ015 (WESTERN MOGOLLON RIM), 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)	331, 1996 to 2026 (4 zone-level)		Flash Flood, 2008-08-16, \$10,000,000 property; \$0 crops (2008 dollars)		Event records naming member places: Flagstaff city (35 records), Page city (16 records), Williams city (7 records), Tusayan town (1 record). Zone-level records (4) 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)	6, 2006 to 2011 (6 zone-level)		No damage reported in 6 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)	19, 1997 to 2025		Lightning, 2013-07-23, \$0 property; \$0 crops (2013 dollars), 2 direct deaths, 1 direct injury	Lightning, 2023-07-31, \$600,000 property; \$0 crops (2023 dollars)	Event records naming member places: Flagstaff city (2 records), Page 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)	173, 1996 to 2026 (173 zone-level)	35 kt (40 mph) to 99 kt (114 mph) (median 56 kt (64 mph)); 171 with a recorded value	99 kt (114 mph) measured, High Wind, 2000-12-16; NWS zone AZZ015 (WESTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties	High Wind, 2009-03-22, \$100,000 property; \$0 crops, reported for the zone (2009 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	51, 1965 to 2024	47 kt (54 mph) to 72 kt (83 mph) (median 55 kt (63 mph)); 42 with a recorded value	72 kt (83 mph) measured gust, Thunderstorm Wind, 2006-06-24	Thunderstorm Wind, 2023-07-17, \$100,000 property; \$0 crops (2023 dollars)	Event records naming member places: Flagstaff city (2 records), Page city (2 records).	

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)	48, 1957 to 2024	F/EF0 to F/EF3 (median F/EF0); 41 with a recorded value	EF3 tornado, 2010-10-06, 30.06 mi within this county, 800 yd wide, \$400,000 property; \$0 crops (2010 dollars)	Tornado, 2010-10-06, \$1,000,000 property; \$0 crops (2010 dollars)	Event records naming member places: Flagstaff city (1 record).	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)	74, 1996 to 2022 (56 zone-level)		Wildfire, 2018-04-28, \$50,000,000 property; \$0 crops, reported for the zone (2018 dollars); NWS zone AZZ016 (EASTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		Event records naming member places: Flagstaff city (6 records), Williams city (2 records). Zone-level records (56) 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)	245, 1996 to 2026 (245 zone-level)		Winter Storm, 2010-01-20, \$1,000,000 property; \$0 crops, reported for the zone (2010 dollars); NWS zone AZZ015 (WESTERN MOGOLLON RIM), 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 **24**Counted incidents **20**

No approved plan on record, so there is no approval date to count from.

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2022-06-12	2022-06-12	FM-5441-AZ	Fire management	PIPELINE FIRE	Wildfire	none found	within last 5 years	
2022-04-19	2022-04-19	FM-5434-AZ	Fire management	TUNNEL 2 FIRE	Wildfire	none found	within last 5 years	
2021-09-13	2021-07-22	DR-4620-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$70,669.54		
2020-04-04	2020-01-20	DR-4524-AZ	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$16,917,196.42		
2020-03-13	2020-01-20	EM-3442-AZ	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4524
2019-07-22	2019-07-22	FM-5284-AZ	Fire management	MUSEUM FIRE	Wildfire	none found		
2018-04-29	2018-04-27	FM-5236-AZ	Fire management	TINDER FIRE	Wildfire	none found		
2014-11-06	2014-05-20	FM-5083-AZ	Fire management	SLIDE FIRE	Wildfire	none found		
2010-10-04	2010-07-20	DR-1940-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$6,082,205.47		
2010-06-20	2010-06-20	FM-2846-AZ	Fire management	SHULTZ FIRE	Wildfire	none found		
2010-06-19	2010-06-19	FM-2845-AZ	Fire management	HARDY FIRE	Wildfire	none found		
2010-03-18	2010-01-18	DR-1888-AZ	Major disaster	SEVERE WINTER STORMS AND FLOODING	Inland Flooding; Winter Weather	\$305,869.18		
2010-01-24	2010-01-20	EM-3307-AZ	Emergency	SEVERE WINTER STORM	Winter Weather	none found		same incident as DR-1888
2009-10-03	2009-10-02	FM-2840-AZ	Fire management	TWIN FIRE	Wildfire	none found		
2006-06-18	2006-06-18	FM-2645-AZ	Fire management	BRINS FIRE	Wildfire	none found		
2006-06-14	2006-06-14	FM-2643-AZ	Fire management	WOODY 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	\$1,800,264.95		
2002-06-25	2002-06-18	DR-1422-AZ	Major disaster	WILDFIRES	Wildfire	PA not declared for this county		
1993-01-19	1993-01-05	DR-977-AZ	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding (primary); also designated: Tornado	none found		
1990-12-06	1990-07-08	DR-884-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 <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	7			1	0		1996 to 2026-06-30	
Coastal Flooding	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	12			3	0		1996 to 2026-06-30	
Drought	7			0	1		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	177			10	0		1955 to 2026-06-30	

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Heat Wave	8			0	0		1996 to 2026-06-30	
Hurricane	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	3			1	0		1996 to 2026-06-30	
Inland Flooding	331			97	8		1996 to 2026-06-30	
Landslide	6			0	0		1996 to 2026-06-30	
Lightning	19			3	0		1996 to 2026-06-30	
Strong Wind	224			46	0		1955 to 2026-06-30	Includes 170 High Wind records and 3 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	48			5	1		1950 to 2026-06-30	
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	74			4	11		1996 to 2026-06-30	
Winter Weather	245			46	1		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
2020-10-25	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2020 dollars)	2, 0	NWS zone AZZ015 (WESTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2018-04-28	Wildfire		\$50,000,000 property; \$0 crops, reported for the zone (2018 dollars)	0, 0	NWS zone AZZ016 (EASTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2017-06-18	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2017 dollars)	0, 0	NWS zone AZZ015 (WESTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2013-07-23	Lightning		\$0 property; \$0 crops (2013 dollars)	2, 1	JACOB LAKE		deaths or injuries recorded
2010-12-17	Ice Storm		\$100,000 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	NWS zone AZZ015 (WESTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2010-10-06	Tornado	EF3, 30.06 mi within this county, 800 yd wide	\$400,000 property; \$0 crops (2010 dollars)	0, 0	KACHINA VILLAGE to BELLEMONT		B1-c worst recorded: Tornado
2010-01-20	Winter Storm		\$1,000,000 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	NWS zone AZZ015 (WESTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2008-08-16	Flash Flood		\$10,000,000 property; \$0 crops (2008 dollars)	0, 0	HAVASUPAI		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2001-08-11	Flash Flood		damage not reported	3, 0	SUPAI		deaths or injuries recorded
2000-12-16	High Wind	99 kt (114 mph) measured	damage not reported	0, 0	NWS zone AZZ015 (WESTERN MOGOLLON RIM), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1998-07-19	Hail	3 in	\$46,800 property; \$0 crops (1998 dollars)	0, 0	FLAGSTAFF		B1-c worst recorded: Hail
1997-08-12	Flash Flood		\$0 property; \$0 crops (1997 dollars)	11, 1	PAGE		deaths or injuries recorded

The full list is in the **XLSX** file, sheet "**B1-d Storm Events history**" (1,161 rows).

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

SOURCES

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

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

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.0333	events per year	about 1 in 30 years	Possible	FEMA annualized frequency (modeled)	1	1994 to 2023 (30 years)	see B1-f	
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0.0315	event-days per year	about 0.0315 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	0.597	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	96.5	event-days per year	about 96.5 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	4,137	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 96.5 drought event-days a year here (its annualized frequency over 25.25 years; not its event count divided by the years), but Storm Events has a record in only 3 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Earthquake	0.00272	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.272%			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	0.213	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	8.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.47	event-days per year	about 1.47 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	15.8	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.47 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 4 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
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.

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
Ice Storm	0.0149	event-days per year	about 0.0149 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	0	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	8.04	event-days per year	about 8.04 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	225	1996 to 2023 (28 years)	see B1-f	
Landslide	5.52	events per year (modeled)	about 5.52 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	44.4	days per year with a strike	about 44.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0677	events per year	about 1 in 15 years	Possible	FEMA annualized frequency (modeled)	3	1986 to 2023 (38 years)	countywide	
Tornado	0.813	events per year	about 0.81 per year	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	0.0003	annual probability	about 1 in 3,333 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.0112	annual probability at a location	chance a given location in the county burns in a year: 1.12%	Likely	Storm Events records in 20 of 30 years, 1996 to 2025 (66.7%)	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	8.2	event-days per year	about 8.2 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	156	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	89	30	2.97
Hail	2.00 in+	1996 to 2025	7	30	0.233
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	22	30	0.733
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	4	30	0.133
Tornado	EF0-1	1996 to 2025	28	30	0.933
Tornado	EF2-3	1996 to 2025	7	30	0.233
Tornado	EF4-5	1996 to 2025	0	30	0

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

SOURCE

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	18 of 39	73.8	77.1	79.0	Relatively Low 18, Not Applicable 21	
Coastal Flooding	0 of 39				Not Applicable 39	
Cold Wave	32 of 39	15.5	69.4	93.0	Relatively High 2, Relatively Moderate 24, Relatively Low 2, Very Low 4, 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 39	89.5	89.5	89.5	Relatively Low 1, No Rating 38	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	38 of 39	0.3	71.1	88.6	Relatively High 1, Relatively Moderate 9, Relatively Low 25, Very Low 3, No Rating 1	
Hail	38 of 39	0.2	52.1	77.4	Relatively Moderate 2, Relatively Low 28, Very Low 8, No Rating 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.
Heat Wave	38 of 39	1.3	16.0	83.5	Relatively Moderate 3, Relatively Low 15, Very Low 20, No Rating 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.
Hurricane	0 of 39				No Rating 39	
Ice Storm	38 of 39	0.0	37.4	68.6	Relatively Low 25, Very Low 13, No Rating 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	38 of 39	0.1	90.4	100.0	Very High 9, Relatively High 17, Relatively Moderate 9, Relatively Low 1, Very Low 2, No Rating 1	
Landslide	38 of 39	9.2	78.6	99.7	Relatively High 2, Relatively Moderate 9, Relatively Low 7, Very Low 20, No Rating 1	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Lightning	38 of 39	0.1	99.5	100.0	Very High 34, Relatively High 2, Very Low 2, No Rating 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.
Strong Wind	38 of 39	0.2	15.1	41.0	Relatively Low 6, Very Low 32, No Rating 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.
Tornado	38 of 39	0.2	19.2	38.2	Relatively Low 2, Very Low 36, No Rating 1	
Tsunami	0 of 39				Not Applicable 39	
Volcanic Activity	38 of 39	40.0	62.5	97.5	Relatively Low 5, Very Low 33, No Rating 1	
Wildfire	38 of 39	51.9	96.2	100.0	Very High 5, Relatively High 14, Relatively Moderate 10, Relatively Low 7, Very Low 2, No Rating 1	
Winter Weather	38 of 39	10.6	95.9	99.9	Very High 19, Relatively High 14, Relatively Moderate 3, Very Low 2, No Rating 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 <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
Coconino County	County	No approved plan on record	FMA RL 1, SRL 1; any 6	\$6,441,200.18	0; no approved plan	Includes \$1,426,364.73 for declarations not counted as hazard incidents (DR-4524-AZ).
Flagstaff city	City	No approved plan on record	FMA RL 0, SRL 0; any 5	\$2,955,355.58	83; no approved plan	Includes \$158,511.39 for declarations not counted as hazard incidents (DR-4524-AZ).
Fredonia town	Town	No approved plan on record	FMA RL 0, SRL 0; any 0	none found	1; no approved plan	
Page city	City	No approved plan on record	FMA RL 0, SRL 0; any 0	\$61,922.06	20; no approved plan	Includes \$61,922.06 for declarations not counted as hazard incidents (DR-4524-AZ).
Tusayan town	Town	No approved plan on record	FMA RL 0, SRL 0; any 0	\$46,597.43	3; no approved plan	Includes \$46,597.43 for declarations not counted as hazard incidents (DR-4524-AZ).
Williams city	City	No approved plan on record	FMA RL 0, SRL 0; any 0	\$114,667.64	14; no approved plan	Includes \$3,938.68 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.

No approved plan on record, 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	\$22,494,776		5	\$38		\$456,667	0.000168%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$26,087,198,134	\$27,613,246	111,794	\$12,199	\$711	\$3,192,437	under 0.0001%				
Drought		\$741,029			\$10,659		1.44% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$57,020,015,035		145,101	\$3,533,406		\$1,205,411	0.0062%				
Hail	\$32,779,609,245	\$30,782,819	144,629	\$242,480	\$2	\$53,821	0.00074%				
Heat Wave	\$32,779,609,245	\$30,782,819	144,629	\$33	\$1,216	\$598,434	under 0.0001%				
Hurricane	\$32,779,609,245	\$30,782,819	144,629	\$0	\$0	\$0	0%				
Ice Storm	\$32,779,609,245		144,629	\$260		\$102,657	under 0.0001%				
Inland Flooding	\$32,770,110,247	\$94,741	7,222	\$63,475,176	\$54	\$22,187,350	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.

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
Landslide	\$792,174,959		2,591	\$211,367		\$97,857	0.0267%				
Lightning	\$32,779,609,245		144,629	\$23,314		\$5,431,071	under 0.0001%				
Strong Wind	\$32,779,609,245	\$30,782,819	144,629	\$16,114	\$273	\$84,882	under 0.0001%				
Tornado	\$32,779,609,245	\$30,782,819	144,629	\$173,342	\$684	\$121,830	0.000529%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$32,779,609,245		144,629	\$1,264		\$1,594	under 0.0001%				
Wildfire	\$8,387,503,270	\$26,738,458	43,262	\$27,486,245	\$93	\$1,017,296	0.328%				
Winter Weather	\$32,779,609,245	\$30,782,819	144,629	\$14,469	under \$1	\$1,182,790	under 0.0001%				

Totals since the plan: not available. No approved plan on record, 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	144,629
Building value (total, not at risk)	\$32,779,609,245
Agriculture value (total, not at risk)	\$30,782,819
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$95,203,398

Measure	Value
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)	\$35,734,096
Social vulnerability rating	Relatively Moderate
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)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	2
Repetitive loss, NFIP insurance definition	21	Severe repetitive loss, NFIP insurance definition	2

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 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	1	2	21	2	22	0	9
COCONINO COUNTY *	1	1	5	1	6	0	2
FLAGSTAFF, CITY OF	0	0	5	0	5	0	1
SEDONA, CITY OF (plan member listed on the Yavapai County page)	0	1	11	1	11	0	6
State level, not in this county: county not reported	0	1	0	0	1	1	0

11 of the county's repeat-flood properties belong to NFIP communities whose plan member is not listed on this page (the community rows above name the page that lists it).

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

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Coconino County	040019	1	1	5	1	6	0	2	
Flagstaff city	040020	0	0	5	0	5	0	1	

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
Fredonia town	040021	0	0	0	0	0	0	0	
Page city	040113	0	0	0	0	0	0	0	
Tusayan town	040139	0	0	0	0	0	0	0	
Williams city	040027	0	0	0	0	0	0	0	

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

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	1	1	16	1	17	0	6
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	1	5	1	5	0	3
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 fmaRl field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRl) 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 1 property is FMA repetitive loss but not NFIP repetitive loss, and 21 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_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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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_04005. Preview: automated baseline.