

Mohave County, AZ

Risk-assessment baseline packet

Unit **County area 04015** 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.

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Plan clock

Status	Approved, expires 2027-05-19	Plan	Mohave County (FEMA plan 108181)
Approved	2022-05-20	Expires	2027-05-19
As of	2026-09-28	Days	233 days to expiry
Update underway	none in FEMA's plan tracker		

What changed since your last plan (approved 2022-05-20)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	324 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 7	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
Mohave County	County	Approved, expires 2027-05-19	Mohave County (FEMA plan 108181)	2022-05-20	2027-05-19	233		
Bullhead City city	City	Plan 108181 approved 2022-05-20, pending adoption here; not yet eligible	Mohave County (FEMA plan 108181), pending adoption here	2022-05-20 by FEMA; not yet adopted here	2027-05-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Colorado City town	Town	Approved, expires 2027-05-19	Mohave County (FEMA plan 108181)	2022-05-20	2027-05-19	233		
Kingman city	City	Approved, expires 2027-05-19	Mohave County (FEMA plan 108181)	2022-05-20	2027-05-19	233		member approved 2024-07-25

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Lake Havasu City city	City	Plan 108181 approved 2022-05-20, pending adoption here; not yet eligible	Mohave County (FEMA plan 108181), pending adoption here	2022-05-20 by FEMA; not yet adopted here	2027-05-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Plan 108181 lists 2 other participants not on this page. Covered: Fort Mojave Indian Tribe of Arizona, California & Nevada. Not covered by it yet: Hualapai Indian Tribe of the Hualapai Indian Reservation, Arizona (approvable pending adoption, not yet adopted).

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	\$63,027,977	\$49,470	\$10,528,703	\$73,606,149	697		
2	Wildfire	Relatively High	Relatively High	\$13,296,158	\$115	\$776,402	\$14,072,676	6		
3	Heat Wave	Relatively High	Relatively High	\$1,272	\$14,746	\$12,019,929	\$12,035,946	66		
4	Earthquake	Relatively Low	Relatively Low	\$1,797,031		\$309,826	\$2,106,856			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Lightning	Very High	Relatively High	\$38,224		\$1,847,538	\$1,885,763	29		
6	Strong Wind	Relatively Moderate	Relatively Moderate	\$273,555	\$1,154	\$357,304	\$632,013	337		Includes 66 High Wind records and 28 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Winter Weather	Relatively High	Relatively High	\$21,032	under \$1	\$261,530	\$282,561	44		
8	Hail	Relatively Low	Relatively Low	\$157,902	\$4	\$13,438	\$171,345	78		
9	Ice Storm	Relatively Moderate	Relatively Low	\$372		\$128,253	\$128,625	1		
10	Tornado	Very Low	Very Low	\$3,954	\$101	\$1,477	\$5,532	9		

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	Drought	Very Low	Very Low		\$3,079		\$3,079	0		Declared 1 time; no Storm Events record of this type.
12	Landslide	Relatively Low	Very Low	\$359		\$2,454	\$2,812	3		
13	Avalanche	Relatively Low	Very Low	\$2		\$2,352	\$2,355	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Volcanic Activity	Very Low	Very Low	\$2		\$20	\$22	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.
15	Cold Wave	Very Low	Very Low	under \$1	under \$1	under \$1	under \$1	4		Includes 4 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
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.	13 of 66

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
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 66
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	3 of 66
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	10 of 66
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.	66 of 66
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
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 66
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
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.	66 of 66
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.	61 of 66
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	66 of 66
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.	66 of 66
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 66
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.	31 of 66
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.	62 of 66
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	45 of 66

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

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					Wind chill: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	4, 2013 to 2015 (4 zone- level)		No crop damage reported in 4 records.	Frost/Freeze, 2013-01-12, \$500,000 property; \$0 crops, reported for the zone (2013 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D- scale	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	87, 1972 to 2025	0.25 in to 1.75 in (median 1 in); 87 with a recorded value	1.75 in hail, 2019-09-23; same size also recorded on 1972-11-19, 1992-10-23, 1992-10-24, 1995-09-06, 1995-09-07, 1996-11-22, 1997-08-27, 1998-09-11, 1999-09-11, 2008-08-25, 2009-09-04	Hail, 2010-10-19, \$5,000 property; \$0 crops (2010 dollars)	Event records naming member places: Kingman city (24 records), Colorado City town (3 records), Bullhead City city (1 record), Lake Havasu City city (1 record).	
Excessive Heat, Heat	heat index (narratives)	66, 2010 to 2025 (66 zone- level)	1 day to 13 days (median 3 days); 51 with a recorded value	13 consecutive days, 2023-07-11 to 2023-07-23, zone-level	Excessive Heat, 2013-06-28, \$25,000 property; \$0 crops, reported for the zone (2013 dollars)	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, 2004 to 2004 (1 zone- level)		Ice Storm, 2004-11-22, \$10,000 property; crops not reported, reported for the zone (2004 dollars); NWS zone AZZ003 (S MOHAVE T X SW AND X WC), 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)	697, 1996 to 2025		Flash Flood, 2012-07-13, \$5,000,000 property; \$0 crops (2012 dollars), 1 direct death		Event records naming member places: Kingman city (50 records), Colorado City town (32 records), Bullhead City city (9 records), Lake Havasu City city (4 records).	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)	3, 2021 to 2022		Debris Flow, 2021-07-17, \$5,000 property; \$0 crops (2021 dollars)		No event record names a member place.	Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	29, 1998 to 2024		Lightning, 2016-08-22, \$100,000 property; \$0 crops (2016 dollars)		Event records naming member places: Bullhead City city (5 records), Kingman city (5 records), Lake Havasu City city (3 records), Colorado City town (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)	94, 1998 to 2026 (94 zone-level)	22 kt (25 mph) to 63 kt (72 mph) (median 51 kt (59 mph)); 94 with a recorded value	63 kt (72 mph) measured gust, High Wind, 2020-11-06; same speed and measurement basis also recorded on 2010-04-28, 2012-03-06, 2017-03-30; NWS zone AZZ003 (NORTHWEST DESERTS), zone-level: may include parts of neighboring counties	High Wind, 2020-09-08, \$100,000 property; \$0 crops, reported for the zone (2020 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	285, 1961 to 2025	35 kt (40 mph) to 88 kt (101 mph) (median 52 kt (60 mph)); 242 with a recorded value	88 kt (101 mph) measured gust, Thunderstorm Wind, 2010-01-21	Thunderstorm Wind, 2008-08-25, \$2,000,000 property; \$0 crops (2008 dollars)	Event records naming member places: Bullhead City city (30 records), Kingman city (26 records), Lake Havasu City city (15 records), Colorado City town (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)	18, 1972 to 2022	F/EF0 to F/EF1 (median F/EF0); 16 with a recorded value	F1 tornado, 1972-09-18, 33 yd wide, \$250,000 property; crops not recorded (1972 dollars), 1 direct injury		Event records naming member places: Kingman city (5 records), Bullhead City 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)	6, 2012 to 2024 (6 zone-level)		Wildfire, 2015-08-08, \$400,000 property; \$0 crops, reported for the zone (2015 dollars); NWS zone AZZ002 (Lake Havasu and Fort Mohave), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	44, 1997 to 2025 (44 zone-level)		Heavy Snow, 2014-12-30, \$500,000 property; \$0 crops, reported for the zone (2014 dollars); NWS zone AZZ003 (NORTHWEST DESERTS), 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/>

Supports B1-d: previous occurrences

Declaration rows

15

Counted incidents

12

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
2020-04-04	2020-01-20	DR-4524-AZ	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$275,531.18		
2020-03-13	2020-01-20	EM-3442-AZ	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4524
2015-08-09	2015-08-08	FM-5095-AZ	Fire management	WILLOW FIRE	Wildfire	none found		
2013-07-02	2013-07-01	FM-5033-AZ	Fire management	DEAN PEAK FIRE	Wildfire	none found		
2010-03-18	2010-01-18	DR-1888-AZ	Major disaster	SEVERE WINTER STORMS AND FLOODING	Inland Flooding; Winter Weather	\$282,604.75		
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		
2005-06-12	2005-06-11	FM-2560-AZ	Fire management	AZ-HULET FIRE-06-11-2005	Wildfire	none found		
2005-04-14	2005-02-10	DR-1586-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$671,268.76		
2005-02-17	2004-12-28	DR-1581-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$617,885.34		
1985-01-15	1985-01-15	DR-730-AZ	Major disaster	HEAVY RAIN & HIGH WINDS	Strong Wind	none found		
1983-10-05	1983-09-23	DR-691-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1983-07-01	1983-06-16	DR-686-AZ	Major disaster	FLOODING	Inland Flooding	none found		
1980-02-19	1980-02-19	DR-614-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		

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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
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	4	0	0	0	0	0	1996 to 2026-06-30	Includes 4 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	0	0	0	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	87	7	0	7	0	0	1955 to 2026-06-30	
Heat Wave	66	34	8	34	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	697	198	48	203	7	0	1996 to 2026-06-30	
Landslide	3	2	1	2	0	0	1996 to 2026-06-30	
Lightning	29	1	0	1	0	0	1996 to 2026-06-30	
Strong Wind	379	72	29	84	1	0	1955 to 2026-06-30	Includes 66 High Wind records and 28 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	18	1	0	1	0	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	6	2	0	2	3	0	1996 to 2026-06-30	
Winter Weather	44	7	1	8	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
2023-07-11	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2023 dollars)	0, 0	NWS zone AZZ002 (LAKE HAVASU AND FORT MOHAVE), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2020-11-06	High Wind	63 kt (72 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2020 dollars)	0, 0	NWS zone AZZ003 (NORTHWEST DESERTS), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2019-09-23	Hail	1.75 in	\$0 property; \$0 crops (2019 dollars)	0, 0	RIVIERA		B1-c worst recorded: Hail
2016-08-22	Lightning		\$100,000 property; \$0 crops (2016 dollars)	0, 0	MOHAVE VALLEY		B1-c worst recorded: Lightning
2015-08-08	Wildfire		\$400,000 property; \$0 crops, reported for the zone (2015 dollars)	0, 0	NWS zone AZZ002 (Lake Havasu and Fort Mohave), zone-level: may include parts of neighboring counties		B1-c worst recorded: Wildfire
2015-08-01	Heat		\$0 property; \$0 crops, reported for the zone (2015 dollars)	2, 0	NWS zone AZZ036 (Lake Mead National Recreation Area), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2014-12-30	Heavy Snow		\$500,000 property; \$0 crops, reported for the zone (2014 dollars)	0, 0	NWS zone AZZ003 (NORTHWEST DESERTS), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2012-07-13	Flash Flood		\$5,000,000 property; \$0 crops (2012 dollars)	1, 0	(LHU)LAKE HAVASU CIT		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2010-01-21	Thunderstorm Wind	88 kt (101 mph) measured gust	\$200,000 property; \$0 crops (2010 dollars)	0, 0	KINGMAN to NEW KINGMAN-BUTLER		B1-c worst recorded: Thunderstorm Wind
2007-07-24	Flash Flood		\$20,000 property; \$0 crops (2007 dollars)	2, 0	(IGM)MOJAVE CO ARPT		deaths or injuries recorded
2006-05-26	Strong Wind	30 kt (35 mph) estimated gust	damage not reported	2, 0	NWS zone AZZ036 (X WC MOHAVE), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2004-11-22	Ice Storm		\$10,000 property; crops not reported, reported for the zone (2004 dollars)	0, 0	NWS zone AZZ003 (S MOHAVE T X SW AND X WC), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,334 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	0.00000356	event-days per year	about 0.00000356 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	0.000084	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	89.9	event-days per year	about 89.9 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	3,353	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0117	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 1.17%			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	0.115	events per year	about 1 in 9 years	Likely	FEMA annualized frequency (modeled)	4.4 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	10.3	event-days per year	about 10.3 days per year	Likely	event-days in 11 of 30 years, 1996 to 2025 (36.7%)	66.1	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 10.3 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 11 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.

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
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	10.4	event-days per year	about 10.4 days per year	Highly likely	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	292	1996 to 2023 (28 years)	see B1-f	
Landslide	6.99	events per year (modeled)	about 6.99 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	36.9	days per year with a strike	about 36.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.256	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	10	1986 to 2023 (38 years)	countywide	
Tornado	0.272	events per year	about 1 in 4 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	0.0003	annual probability	about 1 in 3,333 years	Unlikely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.00573	annual probability at a location	chance a given location in the county burns in a year: 0.573%	Likely	Storm Events records in 3 of 30 years, 1996 to 2025 (10%)	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	5.43	event-days per year	about 5.43 days per year	Likely	event-days in 21 of 30 years, 1996 to 2025 (70%)	102	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	39	30	1.3
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	155	30	5.17
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	18	30	0.6
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	70	30	2.33

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	EF0-1	1996 to 2025	8	30	0.267
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	1	30	0.0333

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	13 of 66	52.7	60.0	61.7	Very Low 13, Not Applicable 53	
Coastal Flooding	0 of 66				Not Applicable 66	
Cold Wave	3 of 66	15.4	15.5	15.5	Very Low 3, No Rating 63	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	10 of 66	68.2	70.9	82.4	Relatively Low 2, Very Low 8, No Rating 56	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	66 of 66	21.2	49.1	79.2	Relatively Moderate 4, Relatively Low 40, Very Low 22	
Hail	66 of 66	19.6	36.0	54.9	Relatively Low 30, Very Low 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. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	66 of 66	54.5	93.2	97.2	Very High 2, Relatively High 56, Relatively Moderate 7, Relatively Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	0 of 66				No Rating 66	
Ice Storm	66 of 66	12.5	31.9	59.0	Relatively Low 28, Very Low 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. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	66 of 66	7.6	81.6	100.0	Very High 14, Relatively High 20, Relatively Moderate 18, Relatively Low 10, Very Low 4	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Landslide	61 of 66	8.7	18.7	94.3	Relatively Low 5, Very Low 56, No Rating 5	
Lightning	66 of 66	59.0	84.2	98.8	Very High 6, Relatively High 39, Relatively Moderate 21	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	66 of 66	12.1	42.2	65.6	Relatively Moderate 9, Relatively Low 55, Very Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	66 of 66	0.3	0.9	2.0	Very Low 66	
Tsunami	0 of 66				Not Applicable 66	
Volcanic Activity	31 of 66	40.0	55.2	78.6	Very Low 31, No Rating 35	
Wildfire	62 of 66	18.5	91.7	99.7	Very High 7, Relatively High 14, Relatively Moderate 11, Relatively Low 12, Very Low 18, No Rating 4	
Winter Weather	45 of 66	10.7	66.9	96.9	Very High 1, Relatively High 20, Relatively Moderate 4, Relatively Low 18, Very Low 2, No Rating 21	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
Mohave County	County	Approved, expires 2027-05-19	FMA RL 0, SRL 0; any 4	\$1,057,524.37	0; 0	Includes \$26,365.05 for declarations not counted as hazard incidents (DR-4524-AZ).
Bullhead City city	City	Plan 108181 approved 2022-05-20, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$208,443.51	46; no approved plan	Includes \$61,462.33 for declarations not counted as hazard incidents (DR-4524-AZ).
Colorado City town	Town	Approved, expires 2027-05-19	FMA RL 0, SRL 0; any 0	none found	38; 11	
Kingman city	City	Approved, expires 2027-05-19	FMA RL 0, SRL 0; any 3	\$161,935.54	110; 5	Includes \$102,227.81 for declarations not counted as hazard incidents (DR-4524-AZ).

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
Lake Havasu City city	City	Plan 108181 approved 2022-05-20, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	23; no approved plan	

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 2022-05-20 <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	\$3,016,951		5	\$2		\$2,352	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$3,085,060	\$20,895	2	under \$1	under \$1	under \$1	under 0.0001%				
Drought		\$28,556,746			\$3,079		0.0108% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$78,482,111,455		213,267	\$1,797,031		\$309,826	0.00229%				
Hail	\$47,477,731,744	\$41,582,135	212,833	\$157,902	\$4	\$13,438	0.000333%	\$1,000			

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 2022-05-20 <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
Heat Wave	\$47,477,715,374	\$41,582,135	212,833	\$1,272	\$14,746	\$12,019,929	under 0.0001%		\$0		
Hurricane	\$47,477,731,744	\$41,582,135	212,833	\$0	\$0	\$0	0%				
Ice Storm	\$47,477,731,744		212,833	\$372		\$128,253	under 0.0001%				
Inland Flooding	\$47,353,574,127	\$4,697,325	5,048	\$63,027,977	\$49,470	\$10,528,703	n/a (see note)	\$2,096,000			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	\$728,377,319		2,393	\$359		\$2,454	under 0.0001%	\$4,000			
Lightning	\$47,477,731,744		212,833	\$38,224		\$1,847,538	under 0.0001%	\$5,000			
Strong Wind	\$47,477,731,744	\$41,582,135	212,833	\$273,555	\$1,154	\$357,304	0.000576%	\$1,241,000	\$10,000		Storm Events damage since the plan includes 1 zone-level Strong Wind record (\$10,000), an event type the NRI definition of this hazard leaves out.
Tornado	\$47,477,731,744	\$41,582,135	212,833	\$3,954	\$101	\$1,477	under 0.0001%	\$0			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity	\$47,477,731,744		212,833	\$2		\$20	under 0.0001%				
Wildfire	\$7,879,801,837	\$15,720,449	52,312	\$13,296,158	\$115	\$776,402	0.169%		\$20,000		
Winter Weather	\$30,765,003,819	\$23,145,169	145,221	\$21,032	under \$1	\$261,530	under 0.0001%		\$0		

Totals since 2022-05-20 (Storm Events through 2026-06-30): 265 county-coded records, 265 with a damage value recorded (including \$0), \$3,347,000; 59 zone-level records, 59 with a damage value recorded (including \$0), \$30,000 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	212,833
Building value (total, not at risk)	\$47,477,731,744
Agriculture value (total, not at risk)	\$41,582,135
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$78,686,508
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)	\$26,249,226
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	7	Severe repetitive loss, NFIP insurance definition	0

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

SOURCES

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

Repeat-flood properties: county 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	7	0	7	0	2
MOHAVE COUNTY*	0	0	4	0	4	0	2
KINGMAN, CITY OF	0	0	3	0	3	0	0
State level, not in this county: county not reported	0	1	0	0	1	1	0

SOURCES

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

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

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Mohave County	040058	0	0	4	0	4	0	2	
Bullhead City city	040125	0	0	0	0	0	0	0	
Colorado City town	040059	0	0	0	0	0	0	0	
Kingman city	040060	0	0	3	0	3	0	0	
Lake Havasu City city	040116	0	0	0	0	0	0	0	

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

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	0	0	5	0	5	0	2
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	1	0	1	0	0
non-residential	0	0	1	0	1	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 fmaRL 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 7 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
 2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
 4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
 5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
 6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scscd_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_04015. Preview: automated baseline.