

Winnebago County, IL

Risk-assessment baseline packet

Unit **County area 17201** 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 2030-11-16	Plan	Winnebago County 2025 HMP Update (FEMA plan 110566)
Approved	2025-11-17	Expires	2030-11-16
As of	2026-09-28	Days	1,510 days to expiry

What changed since your last plan (approved 2025-11-17)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	32 (data through 2026-06-30)
Repetitive loss now	FMA RL 35, SRL 28 (44 CFR 77.2); any definition: 187	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: 23 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Winnebago County	County	Approved, expires 2030-11-16	Winnebago County 2025 HMP Update (FEMA plan 110566)	2025-11-17	2030-11-16	1,510		
Loves Park city	City	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Machesney Park village	Village	Approved, expires 2030-11-16	Winnebago County 2025 HMP Update (FEMA plan 110566)	2025-11-17	2030-11-16	1,510		member approved 2025-12-10
Rockford city	City	Approved, expires 2030-11-16	Winnebago County 2025 HMP Update (FEMA plan 110566)	2025-11-17	2030-11-16	1,510		
Rockton village	Village	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Roscoe village	Village	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
South Beloit city	City	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Winnebago village	Village	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Burritt township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Cherry Valley township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Durand township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Harrison township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Pecatonica township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Rockford township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Rockton township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Roscoe township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Shirland township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Boone-Winnebago Regional Office of Education	Special District	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Four Rivers Sanitation Authority	Water/Sewer Authority	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Greater Rockford Airport Authority	Transit/Airport	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
North Park Public Water District	Water/Sewer Authority	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Rock Valley College	College/ University	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Rockford Park District	Special District	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	Winnebago County 2025 HMP Update (FEMA plan 110566), pending adoption here	2025-11-17 by FEMA; not yet adopted here	2030-11-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings	EAL agriculture	EAL population equivalence	EAL total (see note)	Storm Events records since 1996	Evidence for an omission	Storm Events coverage note
				<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>statistical value of life and injury, \$13.7M per life, not property damage</i>	<i>modeled dollars per year</i>	<i>count</i>	<i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	
1	Inland Flooding	Relatively High	Relatively High	\$67,176,524	\$510,574	\$119,000	\$67,806,097	91		
2	Cold Wave	Relatively High	Very High	\$277	\$1,122	\$20,019,616	\$20,021,015	26		Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.

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
3	Tornado	Relatively High	Relatively High	\$8,083,017	\$1,606	\$11,066,563	\$19,151,188	19		
4	Strong Wind	Relatively High	Relatively High	\$1,682,934	\$33,480	\$2,577,817	\$4,294,231	315		Includes 29 High Wind records and 8 Strong Wind records, event types the NRI definition of this hazard leaves out.
5	Hail	Relatively High	Relatively High	\$4,197,920	\$49,984	\$29,403	\$4,277,306	178		
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$657	\$1	\$2,077,977	\$2,078,635	10		
7	Earthquake	Relatively Low	Relatively Low	\$1,239,223		\$431,608	\$1,670,831			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
8	Lightning	Relatively High	Relatively High	\$122,979		\$1,015,179	\$1,138,158	10		
9	Ice Storm	Relatively High	Relatively High	\$395,641		\$219,437	\$615,078	6		
10	Winter Weather	Relatively Moderate	Relatively High	\$2,281	\$670	\$271,660	\$274,611	77		Includes 1 Sleet record, event types the NRI definition of this hazard leaves out.
11	Drought	Relatively Low	Relatively Low		\$246,328		\$246,328	25		
12	Wildfire	Very Low	Very Low	\$15,231	\$12	\$1,821	\$17,063	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.
13	Hurricane	Very Low	Very Low	\$5,272	\$728	under \$1	\$6,000	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$506		\$901	\$1,407	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.
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche 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).
	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).

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
	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.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity 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.	0 of 80
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 80
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	35 of 80
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.	80 of 80
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80
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.	80 of 80
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80
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.	80 of 80
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.	79 of 80
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80
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.	80 of 80
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 80

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
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.	0 of 80
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.	58 of 80
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	80 of 80

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	25, 1996 to 2026 (25 zone-level)	1 day to 4 days (median 2 days); 21 with a recorded value	4 consecutive days, 2024-01-14 to 2024-01-17, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	1, 2004 to 2004 (1 zone-level)		No crop damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	25, 2005 to 2024 (25 zone-level)	8 days to 302 days (median 45 days); 6 with a recorded value	302 days (about 9.9 months), 2021-06-01 to 2022-03-29, a run of 10 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)	215, 1960 to 2026	0.75 in to 3 in (median 1 in); 215 with a recorded value	3 in hail, 2020-04-07; same size also recorded on 1980-06-07, 2018-05-02		Event records naming member places: Rockford city (37 records), Rockford township (37 records), Loves Park city (18 records), Pecatonica township (13 records), Durand township (9 records), Winnebago village (8 records), Machesney Park village (7 records), Rockton township (7 records), Rockton village (7 records), Roscoe township (6 records); and 4 more member places (see the XLSX file).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Excessive Heat, Heat	heat index (narratives)	10, 1999 to 2026 (10 zone-level)	1 day to 4 days (median 2 days); 10 with a recorded value	4 consecutive days, 2012-07-04 to 2012-07-07, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	6, 2007 to 2023 (6 zone-level)		No damage reported in 6 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	91, 1996 to 2026 (8 zone-level)		Flash Flood, 2006-09-04, \$20,000,000 property; crops not reported (2006 dollars)		Event records naming member places: Rockford city (19 records), Rockford township (19 records), South Beloit city (6 records), Roscoe township (5 records), Roscoe village (5 records), Cherry Valley township (3 records), Durand township (3 records), Winnebago village (3 records), Loves Park city (2 records), Machesney Park village (2 records); and 3 more member places (see the XLSX file). Zone-level records (8) 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)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	10, 1996 to 2023		Lightning, 2011-05-25, \$400,000 property; \$0 crops (2011 dollars)		Event records naming member places: Rockford city (2 records), Rockford township (2 records), Winnebago village (2 records), Loves Park city (1 record), Pecatonica township (1 record), Roscoe township (1 record), Roscoe village (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)	37, 1996 to 2026 (37 zone-level)	39 kt (45 mph) to 56 kt (64 mph) (median 50 kt (58 mph)); 36 with a recorded value	56 kt (64 mph), measurement type not recorded, High Wind, 1997-04-06; NWS zone ILZ003 (WINNEBAGO), zone-level: may include parts of neighboring counties	High Wind, 2010-10-26, \$100,000 property; \$0 crops, reported for the zone (2010 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	343, 1960 to 2026	45 kt (52 mph) to 90 kt (104 mph) (median 55 kt (63 mph)); 307 with a recorded value	90 kt (104 mph) measured gust, Thunderstorm Wind, 2003-07-05		Event records naming member places: Rockford city (50 records), Rockford township (50 records), Winnebago village (19 records), Pecatonica township (14 records), Durand township (13 records), Loves Park city (13 records), Rockton township (13 records), Rockton village (13 records), South Beloit city (13 records), Roscoe township (11 records); and 5 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	25, 1958 to 2026	F/EF0 to F/EF2 (median F/EF1); 23 with a recorded value	EF2 tornado, 2010-11-22, 1.7 mi within this county, 200 yd wide, \$500,000 property; \$0 crops (2010 dollars), 6 direct injuries		Event records naming member places: Cherry Valley township (2 records), Harrison township (2 records), Rockford city (2 records), Rockford township (2 records), Rockton township (2 records), Rockton village (2 records), Durand township (1 record), Loves Park city (1 record), Pecatonica township (1 record), Roscoe township (1 record); and 3 more member places (see the XLSX file).	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)	0					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)	77, 1997 to 2026 (77 zone- level)		No damage reported in 77 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

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 rows19

Counted incidents16

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
2024-09-20	2024-07-13	DR-4819-IL	Major disaster	SEVERE STORMS, TORNADOES, STRAIGHT-LINE WINDS, AND FLOODNG	Inland Flooding (primary); also designated: Strong Wind, Tornado	PA not declared for this county	within last 5 years	
2020-03-26	2020-01-20	DR-4489-IL	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$4,481,687.37		
2020-03-13	2020-01-20	EM-3435-IL	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4489
2013-05-10	2013-04-16	DR-4116-IL	Major disaster	SEVERE STORMS, STRAIGHT-LINE WINDS, AND FLOODING	Inland Flooding (primary); also designated: Strong Wind	PA not declared for this county		
2011-03-17	2011-01-31	DR-1960-IL	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$979,445.63		
2010-08-19	2010-07-19	DR-1935-IL	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
2008-06-24	2008-06-01	DR-1771-IL	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$824,116.35		
2008-03-13	2008-02-05	EM-3283-IL	Emergency	RECORD SNOW AND NEAR RECORD SNOW	Winter Weather	\$1,026,841.87		
2007-08-30	2007-08-07	DR-1722-IL	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
2006-12-29	2006-11-30	EM-3269-IL	Emergency	SNOW	Winter Weather	\$783,594.80		
2005-09-07	2005-08-29	EM-3230-IL	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	\$37,373.88		
2001-01-17	2000-12-11	EM-3161-IL	Emergency	ILLINOIS WINTER SNOW STORMS	Winter Weather	\$488,129.73		
1999-01-08	1999-01-01	EM-3134-IL	Emergency	IL-WINTER STORM 1/1/99	Winter Weather	none found		
1996-07-25	1996-07-17	DR-1129-IL	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
1993-07-09	1993-04-13	DR-997-IL	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1979-01-16	1979-01-16	EM-3068-IL	Emergency	BLIZZARDS & SNOWSTORMS	Winter Weather	none found		
1974-06-10	1974-06-10	DR-438-IL	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1973-04-26	1973-04-26	DR-373-IL	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		
						<i>federal share obligated, nominal dollars</i>	Flags	Notes
1967-04-25	1967-04-25	DR-227-IL	Major disaster	TORNADOES	Tornado	none found		

School districts and special districts in this county: \$39,368.11 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county); do not add this line to the county total.

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
1961-05-27	1961-05-27	DR-115-IL	Major disaster	FLOODS & TORNADOES	Inland Flooding (primary); also designated: Tornado		
1957-06-22	1957-06-22	DR-78-IL	Major disaster	FLOODS	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.

SOURCE

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

Public Assistance not placed in a county in this state: 1 row, \$797,909.42

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated	Why not placed
				federal share obligated, nominal dollars	
4489	2020-03-26	Hoosier Care, Inc	Davidson County	\$797,909.42	county field is a county of another state and the applicant name does not identify a place in the declaring state

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

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records full period	Since plan approval records	During plan review records	Last 5 years records	Declared incidents distinct incidents	Declared since approval distinct incidents	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

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
Cold Wave	26	3	2	9	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.
Drought	25	0	0	11	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	215	10	8	34	0	0	1955 to 2026-06-30	
Heat Wave	10	1	1	6	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	6	0	0	1	0	0	1996 to 2026-06-30	
Inland Flooding	91	3	5	21	9	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	10	0	0	2	0	0	1996 to 2026-06-30	
Strong Wind	380	8	15	74	2	0	1955 to 2026-06-30	Includes 29 High Wind records and 8 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	25	3	0	8	2	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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	77	4	2	23	6	0	1996 to 2026-06-30	Includes 1 Sleet record, event types the NRI definition of this hazard leaves out.

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
2024-07-14	Flash Flood		\$0 property; \$0 crops (2024 dollars)	1, 1	ROCKFORD	within last 5 years	deaths or injuries recorded
2024-01-14	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2024 dollars)	0, 0	NWS zone ILZ003 (WINNEBAGO), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2021-08-11	Thunderstorm Wind	60 kt (69 mph) estimated gust	\$0 property; \$0 crops (2021 dollars)	1, 2	ROCKFORD		deaths or injuries recorded
2021-06-01	Drought		\$0 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone ILZ003 (WINNEBAGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
2020-04-07	Hail	3 in	\$0 property; \$0 crops (2020 dollars)	0, 0	WINNEBAGO		B1-c worst recorded: Hail
2012-07-04	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone ILZ003 (WINNEBAGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2011-05-25	Lightning		\$400,000 property; \$0 crops (2011 dollars)	0, 0	HARLEM		B1-c worst recorded: Lightning
2010-11-22	Tornado	EF2, 1.7 mi within this county, 200 yd wide	\$500,000 property; \$0 crops (2010 dollars)	0, 6	ROCK CUT STATE PARK to ARGYLE		B1-c worst recorded: Tornado
2006-09-04	Flash Flood		\$20,000,000 property; crops not reported (2006 dollars)	0, 0	ROCKFORD		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2003-07-05	Thunderstorm Wind	90 kt (104 mph) measured gust	\$5,000,000 property; crops not reported (2003 dollars)	0, 0	PECATONICA		B1-c worst recorded: Thunderstorm Wind
1999-06-05	Heat		damage not reported	2, 0	NWS zone ILZ003 (WINNEBAGO), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1997-04-06	High Wind	56 kt (64 mph), measurement type not recorded	damage not reported	0, 0	NWS zone ILZ003 (WINNEBAGO), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)

The full list is in the XLSX file, sheet "B1-d Storm Events history" (865 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.

FEMA's declaration data list no tribal or special-area declarations for this state.

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		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
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	5.74	event-days per year	about 5.74 days per year	Likely	event-days in 15 of 30 years, 1996 to 2025 (50%)	109	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	9.94	event-days per year	about 9.94 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	301	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 9.94 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 7 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	0.00102	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.102%			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	4.52	events per year	about 4.52 per year	Highly likely	FEMA annualized frequency (modeled)	171.6 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.26	event-days per year	about 3.26 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	54	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 3.26 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 7 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	0.00575	events per year	about 1 in 174 years	Unlikely	FEMA annualized frequency (modeled)	2	1851 to 2024 (Atlantic)	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	0.717	event-days per year	about 0.717 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	49	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.07	event-days per year	about 2.07 days per year	Highly likely	event-days in 27 of 30 years, 1996 to 2025 (90%)	58	1996 to 2023 (28 years)	see B1-f	
Landslide	0.0898	events per year (modeled)	about 1 in 11 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	40	days per year with a strike	about 40 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	6.05	events per year	about 6.05 per year	Highly likely	FEMA annualized frequency (modeled)	231	1986 to 2023 (38 years)	countywide	
Tornado	0.436	events per year	about 1 in 2 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		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0000996	annual probability at a location	chance a given location in the county burns in a year: 0.00996%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	14.7	event-days per year	about 14.7 days per year	Likely	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	280	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	107	30	3.57
Hail	2.00 in+	1996 to 2025	9	30	0.3
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	239	30	7.97
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	28	30	0.933
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	4	30	0.133
Tornado	EF0-1	1996 to 2025	15	30	0.5
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	0 of 80				Not Applicable 80	
Coastal Flooding	0 of 80				Not Applicable 80	
Cold Wave	80 of 80	15.8	86.5	95.8	Very High 1, Relatively High 64, Relatively Moderate 14, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	35 of 80	68.3	78.4	93.2	Relatively Moderate 3, Relatively Low 11, Very Low 21, No Rating 45	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	80 of 80	10.9	37.2	66.7	Relatively Low 35, Very Low 45	
Hail	80 of 80	59.0	82.3	94.3	Relatively High 9, Relatively Moderate 62, Relatively Low 9	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	80 of 80	1.6	36.2	61.6	Relatively Moderate 2, Relatively Low 71, Very Low 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.
Hurricane	80 of 80	13.2	17.6	26.7	Very Low 80	
Ice Storm	80 of 80	14.9	61.8	83.9	Relatively Moderate 19, Relatively Low 58, Very Low 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	80 of 80	0.9	58.7	97.5	Very High 1, Relatively High 20, Relatively Moderate 30, Relatively Low 20, Very Low 9	
Landslide	79 of 80	23.9	45.3	87.0	Relatively Low 1, Very Low 78, No Rating 1	
Lightning	80 of 80	1.4	55.5	81.2	Relatively High 1, Relatively Moderate 54, Relatively Low 24, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	80 of 80	25.0	80.0	93.5	Relatively High 30, Relatively Moderate 47, Relatively Low 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	80 of 80	34.7	78.5	96.6	Very High 3, Relatively High 47, Relatively Moderate 27, Relatively Low 3	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Tsunami	0 of 80				Not Applicable 80	
Volcanic Activity	0 of 80				Not Applicable 80	
Wildfire	58 of 80	20.1	38.4	75.2	Relatively Low 3, Very Low 55, No Rating 22	
Winter Weather	80 of 80	11.3	56.3	74.7	Relatively Moderate 60, Relatively Low 19, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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
Winnebago County	County	Approved, expires 2030-11-16	FMA RL 3, SRL 7; any 35	\$1,333,135.45	0; 0	Includes \$1,333,135.45 for declarations not counted as hazard incidents (DR-4489-IL).
Loves Park city	City	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$187,659.92	35; no approved plan	Includes \$23,320.86 for declarations not counted as hazard incidents (DR-4489-IL).
Machesney Park village	Village	Approved, expires 2030-11-16	FMA RL 18, SRL 13; any 53	\$486,623.34	16; 1	
Rockford city	City	Approved, expires 2030-11-16	FMA RL 14, SRL 8; any 91	\$1,265,232.40	110; 2	Includes \$360,492.38 for declarations not counted as hazard incidents (DR-4489-IL, EM-3230-IL).
Rockton village	Village	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$78,613.49	24; no approved plan	
Roscoe village	Village	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	\$151,190.49	24; no approved plan	
South Beloit city	City	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$98,669	26; no approved plan	

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Winnebago village	Village	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$17,805.47	32; no approved plan	
Burritt township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	0; no approved plan	No NFIP community ID on this member's plan row.
Cherry Valley township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	11; no approved plan	No NFIP community ID on this member's plan row.
Durand township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	26; no approved plan	No NFIP community ID on this member's plan row.
Harrison township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		\$3,734.48	3; no approved plan	No NFIP community ID on this member's plan row.
Pecatonica township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	31; no approved plan	No NFIP community ID on this member's plan row.
Rockford township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	110; no approved plan	No NFIP community ID on this member's plan row.
Rockton township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	24; no approved plan	No NFIP community ID on this member's plan row.
Roscoe township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	24; no approved plan	No NFIP community ID on this member's plan row.
Shirland township	Township	Plan 110566 approved 2025-11-17, pending adoption here; not yet eligible		none found	8; no approved plan	No NFIP community ID on this member's plan row.

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

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

SOURCES

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

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

Local data required

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

- Critical facilities and lifelines per hazard
 - A problem statement per participant per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
 - Future assets

County-level starter: exposure, expected annual loss and damage since the plan

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-11-17 <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											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$68,329,725,795	\$137,998,954	285,162	\$277	\$1,122	\$20,019,616	under 0.0001%		\$0		
Drought		\$95,612,868			\$246,328		0.258% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$122,630,867,140		285,350	\$1,239,223		\$431,608	0.00101%				
Hail	\$68,329,725,795	\$137,998,954	285,162	\$4,197,920	\$49,984	\$29,403	0.00614%		\$0		
Heat Wave	\$68,329,725,795	\$137,998,954	285,162	\$657	\$1	\$2,077,977	under 0.0001%		\$0		
Hurricane	\$67,893,852,552	\$137,559,717	282,772	\$5,272	\$728	under \$1	under 0.0001%				
Ice Storm	\$68,329,725,795		285,162	\$395,641		\$219,437	0.000579%				
Inland Flooding	\$68,300,774,356	\$15,711,480	6,698	\$67,176,524	\$510,574	\$119,000	n/a (see note)		\$0		NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$357,339,186		1,367	\$506		\$901	0.000142%				
Lightning	\$68,329,725,795		285,162	\$122,979		\$1,015,179	0.00018%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-11-17 <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
Strong Wind	\$68,329,725,795	\$137,998,954	285,162	\$1,682,934	\$33,480	\$2,577,817	0.00246%	\$0	\$0		
Tornado	\$68,329,725,795	\$137,998,954	285,162	\$8,083,017	\$1,606	\$11,066,563	0.0118%	\$0			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$4,402,427,923	\$12,555,543	22,021	\$15,231	\$12	\$1,821	0.000346%				
Winter Weather	\$68,329,725,795	\$137,998,954	285,162	\$2,281	\$670	\$271,660	under 0.0001%		\$0		

Totals since 2025-11-17 (Storm Events through 2026-06-30): 23 county-coded records, 23 with a damage value recorded (including \$0), \$0; 9 zone-level records, 9 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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

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

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

Measure	Value
Population	285,162
Building value (total, not at risk)	\$68,329,725,795
Agriculture value (total, not at risk)	\$137,998,954
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$83,766,966
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)	\$37,830,981
Social vulnerability rating	Relatively Low

Measure	Value
Community resilience rating	Relatively High
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)	35	Severe repetitive loss, FMA definition (44 CFR 77.2)	28
Repetitive loss, NFIP insurance definition	160	Severe repetitive loss, NFIP insurance definition	17

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	35	28	160	17	187	15	49
WINNEBAGO COUNTY *	3	7	34	7	35	0	6
LOVES PARK, CITY OF	0	0	2	0	2	0	1
ROCKFORD, CITY OF	14	8	84	5	91	6	25
ROSCOE, VILLAGE OF	0	0	4	0	4	0	0
SOUTH BELOIT, CITY OF	0	0	2	0	2	0	1
MACHESNEY PARK, VILLAGE OF	18	13	34	5	53	9	16
State level, not in this county: county not reported	0	0	5	0	5	0	0

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

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Winnebago County	170720	3	7	34	7	35	0	6	
Loves Park city	170722	0	0	2	0	2	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
Machesney Park village	171009	18	13	34	5	53	9	16	
Rockford city	170723	14	8	84	5	91	6	25	
Rockton village	170774	0	0	0	0	0	0	0	
Roscoe village	170724	0	0	4	0	4	0	0	
South Beloit city	170725	0	0	2	0	2	0	1	
Winnebago village	175183	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	29	23	122	13	144	11	40
2 to 4 unit residential	6	3	21	2	26	4	5
other residential	0	1	4	1	4	0	1
non-residential	0	1	13	1	13	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 fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

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

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

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

In this county 24 properties are FMA repetitive loss but not NFIP repetitive loss, and 149 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_scscd_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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Cite this: Hazard Plain (2026). Winnebago County, IL: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 17201). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_IL_17201. Preview: automated baseline.