

Dodge County, WI

Risk-assessment baseline packet

County FIPS: 55027 Release: 2026-10 Data as of: 2026-09-30 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.

Summary

Plan status as of 2026-09-30: Expired on 2026-02-07. Plan: Dodge County (FEMA plan 106815), approved 2021-02-08.

Since the plan was approved on 2021-02-08: no new hazard declaration and 182 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$14,488,165 a year), Cold Wave (\$6,876,130) and Tornado (\$6,369,881).

The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.

NRI: FEMA's National Risk Index (version 1.20, December 2025).

NFIP: National Flood Insurance Program.

RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).

FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.

PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.

Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.

County-coded: NOAA logged the event to this county.

FIPS: the federal code for a place; 55027 is this area.

D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).

F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.

kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.

CFR: Code of Federal Regulations.

A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).

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

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Plan clock

Status:	Expired on 2026-02-07	Plan:	Dodge County (FEMA plan 106815)
Approved:	2021-02-08	Days since expiry:	235
Update underway:	none recorded in FEMA's plan tracker		

Until a new plan is approved, FEMA mitigation project grants (HMGP, FMA) need a FEMA exception (44 CFR 201.6(a)(3)).

What changed since your last plan (approved 2021-02-08)

New federal declarations:	none	Storm Events records since approval:	182 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 3	Repeat-flood change:	this release sets the baseline count.

Sources: 1, 2, 4, 6 (numbered list at the end)

Plan status for every jurisdiction listed in this county: 46 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Dodge County	County	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Ashippun CDP	Unincorporated	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Beaver Dam city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Brownsville village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-06-01
Burnett CDP	Unincorporated	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Clyman village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Columbus city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Fox Lake city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Hartford city	City	Approved, expires 2029-12-29	Washington County 2024 Hazard Mitigation Plan (FEMA plan 110352)	2024-12-30	2029-12-29	1,186		
Horicon city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Hustisford village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Iron Ridge village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Juneau city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Kekoskee village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-06-01
Lebanon CDP	Unincorporated	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Lomira village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Lowell village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Mayville city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-06-01
Neosho village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-04-13
Randolph village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Reeseville village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Theresa village	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Watertown city	City	Approved, expires 2030-08-05	Jefferson County Hazard Mitigation Plan 2025 (FEMA plan 110820)	2025-08-06	2030-08-05	1,405		this jurisdiction approved 2026-01-20

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Waupun city	City	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Ashippun town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Burnett town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Calamus town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Chester town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Clyman town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Elba town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Emmet town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Herman town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Hubbard town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Hustisford town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-06-01
Lebanon town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Leroy town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-06-01
Lomira town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Lowell town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Oak Grove town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		this jurisdiction approved 2021-06-01
Portland town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Rubicon town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Shields town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Theresa town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Trenton town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Westford town	Town	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		
Howell	Village	Expired on 2026-02-07	Dodge County (FEMA plan 106815)	2021-02-08	2026-02-07	-235		

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- 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)

Sources: 5, 6

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively Low	Relatively Low	\$14,017,290	\$459,651	\$11,224	\$14,488,165	43	
2	Cold Wave	Relatively Moderate	Relatively High	\$146	\$492	\$6,875,493	\$6,876,130	37	
3	Tornado	Relatively Moderate	Relatively Moderate	\$3,118,712	\$21,827	\$3,229,342	\$6,369,881	25	
4	Hail	Relatively Moderate	Relatively Moderate	\$2,330,935	\$172,195	\$262,526	\$2,765,656	161	
5	Strong Wind	Relatively Moderate	Relatively Moderate	\$455,792	\$48,258	\$935,182	\$1,439,232	264	Includes 9 High Wind and 41 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
6	Heat Wave	Relatively Low	Relatively Low	\$215	\$4	\$1,233,024	\$1,233,243	39	
7	Lightning	Relatively Moderate	Relatively Moderate	\$68,910	n/a	\$322,394	\$391,304	8	
8	Earthquake	Very Low	Very Low	\$115,888	n/a	\$33,635	\$149,523		Storm Events does not record earthquakes.
9	Drought	Relatively Low	Relatively Low	n/a	\$132,238	n/a	\$132,238	18	
10	Winter Weather	Relatively Moderate	Relatively Moderate	\$1,525	\$2,888	\$117,943	\$122,356	235	
11	Ice Storm	Relatively Low	Relatively Low	\$6,812	n/a	\$63,598	\$70,410	2	
12	Wildfire	Very Low	Very Low	\$44,747	\$191	\$4,557	\$49,495	1	

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
13	Hurricane	Very Low	Very Low	\$2,832	\$3,386	under \$1	\$6,219	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Relatively Low	Very Low	\$542	n/a	\$3,524	\$4,065	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

NRI risk rating combines expected annual loss with social vulnerability and community resilience; EAL rating rates expected annual loss alone. Both compare this county with all U.S. counties.

Local data needed: state and local landslide records (Storm Events records this hazard only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: avalanche, coastal flooding, tsunami and volcanic activity. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

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.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 9611 (Very Low, 36.0); tract 9619 (Very Low, 33.3); tract 9603 (Very Low, 27.0)
Hurricane	tract 9604 (Very Low, 29.8); tract 9614 (Very Low, 29.7); tract 9618 (Very Low, 29.5)
Landslide	tract 9614 (Relatively Low, 91.7); tract 9615 (Relatively Low, 91.7); tract 9616 (Relatively Low, 88.5)
Tornado	tract 9603 (Very High, 95.4); tract 9601 (Relatively High, 92.8); tract 9604 (Relatively High, 91.4)
Wildfire	tract 9604 (Relatively Low, 82.0); tract 9614 (Relatively Low, 79.2); tract 9615 (Relatively Low, 78.4)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 9611 is Census Tract 9611). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	37 records, 1996 to 2026 (37 zone-level)	1 day to 13 days (median 2 days); 31 with a recorded value	13 consecutive days, 2017-12-25 to 2018-01-06, zone-level	Cold/Wind Chill, 1997-01-17, \$10,000 property; crops not reported (zone total, 1997 dollars)	Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	18 records, 2002 to 2012 (18 zone-level)	11 days to 153 days (median 128 days); 5 with a recorded value	153 days (5 months), 2005-07-01 to 2005-11-30, a run of 5 consecutive Storm Events drought records, zone-level	Drought, 2002-08-01, property not reported; \$200,000 crops (zone total, 2002 dollars)	Countywide (zone-level records).	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					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	199 records, 1955 to 2026	0.25 in to 2.5 in (median 1 in); 198 with a recorded value	2.5 in hail, 2001-05-14; same size also recorded on 1984-08-29	Hail, 2006-04-13, \$3,170,000 property; crops not reported (2006 dollars)	Event records naming jurisdictions in the plan: Beaver Dam city (23 records), Watertown city (14 records), Fox Lake city (10 records), Randolph village (10 records), Juneau city (9 records), Lowell town (8 records), Lowell village (8 records), Horicon city (7 records), Lomira town (7 records), Lomira village (7 records); and 21 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	39 records, 1998 to 2026 (39 zone-level)	1 day to 5 days (median 2 days); 31 with a recorded value	5 consecutive days, 2011-07-17 to 2011-07-21, zone-level		Countywide (zone-level records).	Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	2 records, 1996 to 1997 (2 zone-level)		No damage reported in 2 records.		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	43 records, 1996 to 2026 (3 zone-level)		Flood, 2004-06-01, \$2,800,000 property; \$20,000,000 crops (2004 dollars); NWS zone WIZ058		Event records naming jurisdictions in the plan: Beaver Dam city (5 records), Portland town (5 records), Lebanon CDP (4 records), Lebanon town (4 records), Randolph village (4 records), Rubicon town (4 records), Watertown city (3 records), Ashippun CDP (2 records), Ashippun town (2 records), Fox Lake city (2 records); and 8 more jurisdictions (see the Excel file). Zone-level records (3) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	8 records, 1998 to 2020		Lightning, 2001-08-22, \$75,000 property; crops not reported (2001 dollars)		Event records naming jurisdictions in the plan: Mayville city (2 records), Ashippun CDP (1 record), Ashippun town (1 record), Beaver Dam city (1 record), Horicon city (1 record), Hustisford town (1 record), Hustisford village (1 record), Randolph village (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	50 records, 1997 to 2026 (50 zone-level)	26 kt (30 mph) to 71 kt (82 mph) (median 40 kt (46 mph)); 44 with a recorded value	71 kt (82 mph), measurement type not recorded, High Wind, 1997-04-06; NWS zone WIZ058	High Wind, 1998-11-10, \$600,000 property; \$100,000 crops (zone total, 1998 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	286 records, 1955 to 2026	35 kt (40 mph) to 111 kt (128 mph) (median 53 kt (61 mph)); 208 with a recorded value	111 kt (128 mph), measurement type not recorded, Thunderstorm Wind, 1998-05-31, 8 direct injuries		Event records naming jurisdictions in the plan: Beaver Dam city (38 records), Fox Lake city (25 records), Juneau city (17 records), Randolph village (14 records), Waupun city (13 records), Hustisford town (10 records), Hustisford village (10 records), Lomira town (9 records), Lomira village (9 records), Mayville city (9 records); and 21 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	70 records, 1951 to 2026	F/EF0 to F/EF3 (median F/EF1); 69 with a recorded value	F3 tornado, 1977-06-05, 25.4 mi path length (whole path, pre-1996), 400 yd wide, \$2,500,000 property; crops not recorded (1977 dollars), 6 direct injuries; same rating, casualties and property damage also recorded on 1974-04-21	Tornado, 2004-06-23, \$8,000,000 property; \$500,000 crops (2004 dollars)	Event records naming jurisdictions in the plan: Horicon city (5 records), Lomira town (5 records), Lomira village (5 records), Brownsville village (2 records), Rubicon town (2 records), Theresa town (2 records), Theresa village (2 records), Beaver Dam city (1 record), Fox Lake city (1 record), Hustisford town (1 record); and 6 more jurisdictions (see the Excel file).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	1 record, 2006 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	235 records, 1996 to 2026 (235 zone-level)		Winter Storm, 2007-12-11, \$150,000 property; \$0 crops (2007 dollars); NWS zone WIZ058		Countywide (zone-level records).	

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of debris flow and lightning.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records from zones that no NWS zone-county file places in this county (mostly before 2020) are not counted here (the Methods page explains the zone matching).

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 13 declarations covering 10 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

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-4520-WI	Major disaster	COVID-19 Pandemic	Non-natural, not counted	no Public Assistance recorded	in the 12 months before plan approval	
2020-03-13	2020-01-20	EM-3454-WI	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	in the 12 months before plan approval	same incident as DR-4520
2011-04-05	2011-01-31	DR-1966-WI	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$310,607.28		
2008-06-14	2008-06-05	DR-1768-WI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$1,734,843.32		
2008-03-19	2008-02-05	EM-3285-WI	Emergency	Record Snow and Near Record Snow	Winter Weather	\$243,090.55		
2005-09-13	2005-08-29	EM-3249-WI	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2004-06-18	2004-05-07	DR-1526-WI	Major disaster	Severe Storms and Flooding	Inland Flooding	\$596,104.05		
2000-06-24	2000-05-26	DR-1332-WI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	PA not declared for this county		
1993-07-02	1993-06-07	DR-994-WI	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1986-10-07	1986-09-10	DR-775-WI	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1976-06-17	1976-06-17	EM-3014-WI	Emergency	Drought	Drought	no Public Assistance recorded		
1976-03-23	1976-03-23	DR-496-WI	Major disaster	Severe Storms, Icing, Wind & Flooding	Inland Flooding	no Public Assistance recorded		
1974-04-26	1974-04-26	DR-431-WI	Major disaster	Tornadoes	Tornado	no Public Assistance recorded		

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.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$164,360.64

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4402-WI	2018-10-18	Severe Storms, Tornadoes, Straight-Line Winds, Flooding, and Landslides	Waupun, City of	\$164,360.64

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

Public Assistance not placed in any Wisconsin county: 1 row, \$87,788.41; listed on the Wisconsin state page.

Source: 3

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Cold Wave	37	7	1	6	0	0	1996 to 2026-06-30	
Drought	18	0	0	0	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	199	45	0	43	0	0	1955 to 2026-06-30	
Heat Wave	39	8	0	8	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	2	0	0	0	0	0	1996 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Inland Flooding	43	12	0	12	6	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	8	0	1	0	0	0	1996 to 2026-06-30	
Strong Wind	336	47	6	45	0	0	1955 to 2026-06-30	Includes 9 High Wind and 41 Strong Wind records.
Tornado	70	10	0	10	4	0	1950 to 2026-06-30	
Wildfire	1	0	0	0	0	0	1996 to 2026-06-30	
Winter Weather	235	53	11	51	2	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Why listed
2017-12-25	Cold/Wind Chill		property not reported; \$0 crops (zone total, 2017 dollars)	0, 0	NWS zone WIZ058 (DODGE), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2014-01-21	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2014 dollars)	1, 0	NWS zone WIZ058 (DODGE), zone-level	deaths or injuries recorded
2011-07-17	Excessive Heat		damage not reported	0, 0	NWS zone WIZ058 (DODGE), zone-level	B1-c worst recorded: Excessive Heat, Heat
2007-12-11	Winter Storm		\$150,000 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone WIZ058 (DODGE), zone-level	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2005-07-01	Drought		damage not reported	0, 0	NWS zone WIZ058 (DODGE), zone-level	B1-c worst recorded: Drought
2004-06-01	Flood		\$2,800,000 property; \$20,000,000 crops (zone total, 2004 dollars)	0, 0	NWS zone WIZ058 (DODGE), zone-level	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2001-08-22	Lightning		\$75,000 property; crops not reported (2001 dollars)	0, 0	FARMERSVILLE	B1-c worst recorded: Lightning
2001-05-14	Hail	2.5 in	\$150,000 property; crops not reported (2001 dollars)	0, 0	WATERTOWN	B1-c worst recorded: Hail
1998-05-31	Thunderstorm Wind	111 kt (128 mph), measurement type not recorded	\$3,710,000 property; \$24,000 crops (1998 dollars)	0, 8	COUNTYWIDE	deaths or injuries recorded
1997-04-06	High Wind	71 kt (82 mph), measurement type not recorded	\$100,000 property; crops not reported (zone total, 1997 dollars)	0, 0	NWS zone WIZ058 (DODGE), zone-level	B1-c worst recorded: High Wind and Strong Wind
1980-04-07	Tornado	F2, 11.5 mi path length (whole path, pre-1996), 70 yd wide	\$2,500,000 property; crops not recorded (1980 dollars)	0, 16	location not recorded	deaths or injuries recorded
1977-06-05	Tornado	F3, 25.4 mi path length (whole path, pre-1996), 400 yd wide	\$2,500,000 property; crops not recorded (1977 dollars)	0, 6	location not recorded	B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (988 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

1 Fire Management declaration (1980-04-24 to 1980-04-24) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

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

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

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
Cold Wave	5.68	event-days per year	about 5.68 days per year	Likely	Storm Events event- days in 20 of 30 years, 1996 to 2025 (66.7%)	108	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0.834	event-days per year	about 0.834 days per year	Likely	Storm Events event- days in 5 of 30 years, 1996 to 2025 (16.7%)	49	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000623	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0623%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	3.53	events per year	about 3.53 per year	Highly likely	FEMA annualized frequency (modeled)	134.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.95	event-days per year	about 2.95 days per year	Likely	Storm Events event- days in 17 of 30 years, 1996 to 2025 (56.7%)	41	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	0.468	event-days per year	about 0.468 days per year	Possible	Storm Events event- days in 2 of 30 years, 1996 to 2025 (6.67%)	32	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.929	event-days per year	about 0.929 days per year	Likely	Storm Events event- days in 18 of 30 years, 1996 to 2025 (60%)	26	1996 to 2023 (28 years)	see B1-f	
Landslide	0.16	events per year (modeled)	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	34.9	days per year with a strike	about 34.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	

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
Strong Wind	3.78	events per year	about 3.78 per year	Highly likely	FEMA annualized frequency (modeled)	144	1986 to 2023 (38 years)	countywide	
Tornado	0.654	events per year	about 0.65 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.000366	annual probability at a location	chance a given location in the county burns in a year: 0.0366%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Winter Weather	15.6	event-days per year	about 15.6 days per year	Highly likely	Storm Events event- days in 29 of 30 years, 1996 to 2025 (96.7%)	296	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

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

Intensity bands: historical frequency (Storm Events)

Source: 6

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	85	30	2.83
Hail	2.00 in+	1996 to 2025	3	30	0.1
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	163	30	5.43
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	19	30	0.633
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	24	30	0.8
Tornado	EF0-1	1996 to 2025	18	30	0.6
Tornado	EF2-3	1996 to 2025	5	30	0.167
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

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.

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 (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Cold Wave	20 of 20	77.9	90.9	97.2	Very High 1, Relatively High 19
Drought	18 of 20	67.1	85.8	92.1	Relatively Moderate 1, Relatively Low 10, Very Low 7, No Rating 2
Earthquake	20 of 20	11.7	23.0	36.0	Very Low 20
Hail	20 of 20	81.4	93.4	96.4	Relatively High 18, Relatively Moderate 2
Heat Wave	20 of 20	39.5	64.2	82.4	Relatively Moderate 14, Relatively Low 6
Hurricane	20 of 20	17.3	25.3	29.8	Very Low 20
Ice Storm	20 of 20	21.9	39.0	52.1	Relatively Low 14, Very Low 6
Inland Flooding	20 of 20	21.4	59.5	76.0	Relatively Moderate 14, Relatively Low 6
Landslide	20 of 20	14.4	78.7	91.7	Relatively Low 8, Very Low 12
Lightning	20 of 20	41.5	66.1	83.5	Relatively High 1, Relatively Moderate 18, Relatively Low 1
Strong Wind	20 of 20	64.5	85.7	92.2	Relatively High 13, Relatively Moderate 7

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	20 of 20	62.9	85.4	95.4	Very High 1, Relatively High 16, Relatively Moderate 3
Wildfire	19 of 20	30.9	73.7	82.0	Relatively Low 13, Very Low 6, No Rating 1
Winter Weather	20 of 20	51.3	70.0	84.0	Relatively High 1, Relatively Moderate 19

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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.

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Dodge County	County	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Ashippun CDP	Unincorporated	Expired on 2026-02-07		no Public Assistance recorded	13 total; 3 since its plan	No NFIP community ID on this jurisdiction's plan row.
Beaver Dam city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$495,493.11	68 total; 14 since its plan	
Brownsville village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$14,148.56	6 total; 2 since its plan	
Burnett CDP	Unincorporated	Expired on 2026-02-07		no Public Assistance recorded	3 total; 1 since its plan	No NFIP community ID on this jurisdiction's plan row.
Clyman village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$12,553.40	8 total; 1 since its plan	
Columbus city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Fox Lake city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$83,624.31	38 total; 8 since its plan	
Hartford city	City	Approved, expires 2029-12-29	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Horicon city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$61,102.50	21 total; 5 since its plan	
Hustisford village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$25,226.13	15 total; 4 since its plan	
Iron Ridge village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$22,931.29	11 total; 1 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Juneau city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$70,976.05	28 total; 3 since its plan	
Kekoskee village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	7 total; 1 since its plan	
Lebanon CDP	Unincorporated	Expired on 2026-02-07		no Public Assistance recorded	10 total; 2 since its plan	No NFIP community ID on this jurisdiction's plan row.
Lomira village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$13,874.55	21 total; 7 since its plan	
Lowell village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$116,594.17	12 total; 1 since its plan	
Mayville city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 2	\$67,742.11	20 total; 7 since its plan	
Neosho village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$4,828.24	4 total; 1 since its plan	
Randolph village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	29 total; 1 since its plan	
Reeseville village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$70,914.01	9 total; 2 since its plan	
Theresa village	Village	Expired on 2026-02-07	FMA RL 0, SRL 0; any 1	\$17,780.58	17 total; 4 since its plan	
Watertown city	City	Approved, expires 2030-08-05	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	25 total; 2 since its plan	
Waupun city	City	Expired on 2026-02-07	FMA RL 0, SRL 0; any 0	\$662,825.57	23 total; 3 since its plan	
Ashippun town	Town	Expired on 2026-02-07		\$32,048.54	13 total; 3 since its plan	No NFIP community ID on this jurisdiction's plan row.
Burnett town	Town	Expired on 2026-02-07		no Public Assistance recorded	3 total; 1 since its plan	No NFIP community ID on this jurisdiction's plan row.
Calamus town	Town	Expired on 2026-02-07		\$35,552.60	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Chester town	Town	Expired on 2026-02-07		no Public Assistance recorded	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Clyman town	Town	Expired on 2026-02-07		\$11,813.14	8 total; 1 since its plan	No NFIP community ID on this jurisdiction's plan row.
Elba town	Town	Expired on 2026-02-07		\$95,883.94	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Emmet town	Town	Expired on 2026-02-07		\$69,972.33	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Herman town	Town	Expired on 2026-02-07		\$17,550.91	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Hubbard town	Town	Expired on 2026-02-07		\$16,357.74	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Hustisford town	Town	Expired on 2026-02-07		\$15,711.22	15 total; 4 since its plan	No NFIP community ID on this jurisdiction's plan row.
Lebanon town	Town	Expired on 2026-02-07		\$100,723.29	10 total; 2 since its plan	No NFIP community ID on this jurisdiction's plan row.
Leroy town	Town	Expired on 2026-02-07		no Public Assistance recorded	3 total; 1 since its plan	No NFIP community ID on this jurisdiction's plan row.
Lomira town	Town	Expired on 2026-02-07		\$18,574.80	21 total; 7 since its plan	No NFIP community ID on this jurisdiction's plan row.
Lowell town	Town	Expired on 2026-02-07		\$23,445.91	12 total; 1 since its plan	No NFIP community ID on this jurisdiction's plan row.
Oak Grove town	Town	Expired on 2026-02-07		no Public Assistance recorded	3 total; 2 since its plan	No NFIP community ID on this jurisdiction's plan row.
Portland town	Town	Expired on 2026-02-07		no Public Assistance recorded	11 total; 1 since its plan	No NFIP community ID on this jurisdiction's plan row.
Rubicon town	Town	Expired on 2026-02-07		\$35,967.09	15 total; 6 since its plan	No NFIP community ID on this jurisdiction's plan row.
Shields town	Town	Expired on 2026-02-07		\$982.70	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Theresa town	Town	Expired on 2026-02-07		\$20,338.55	17 total; 4 since its plan	No NFIP community ID on this jurisdiction's plan row.
Trenton town	Town	Expired on 2026-02-07		\$22,637.59	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Westford town	Town	Expired on 2026-02-07		\$18,087.69	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.

Repetitive-loss counts are for whole NFIP communities, which can extend beyond this county (see the note in B2-c).

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

County Public Assistance in B1-d also includes applicants filed under the county that are not jurisdictions in this plan (for example state agencies, special districts and nonprofits), so the jurisdiction rows add up to less.

Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts

Local data needed

The table below gives county-level starting figures; the plan describes impacts for each jurisdiction and its own assets.

- Critical facilities and lifelines per hazard
- A problem statement per jurisdiction 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

Sources: 1, 2, 3, 5, 6, 7

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2021-02-08 <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
Cold Wave	\$26,721,446,192	\$444,992,236	89,297	\$146	\$492	\$6,875,493	under 0.0001%		\$0		
Drought	n/a	\$154,180,963	n/a	n/a	\$132,238	n/a	0.0858% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$46,570,715,469	n/a	89,396	\$115,888	n/a	\$33,635	0.000249%				
Hail	\$26,721,446,192	\$444,992,236	89,297	\$2,330,935	\$172,195	\$262,526	0.00872%	\$14,000			
Heat Wave	\$26,721,446,192	\$444,992,236	89,297	\$215	\$4	\$1,233,024	under 0.0001%		\$0		
Hurricane	\$26,721,446,192	\$444,992,236	89,297	\$2,832	\$3,386	under \$1	under 0.0001%				
Ice Storm	\$26,721,250,295	n/a	89,296	\$6,812	n/a	\$63,598	under 0.0001%				
Inland Flooding	\$26,687,110,107	\$22,763,227	970	\$14,017,290	\$459,651	\$11,224	n/a (see note)	\$43,000			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.
Landslide	\$214,919,922	n/a	714	\$542	n/a	\$3,524	0.000252%				
Lightning	\$26,721,446,192	n/a	89,297	\$68,910	n/a	\$322,394	0.000258%				
Strong Wind	\$26,721,446,192	\$444,992,236	89,297	\$455,792	\$48,258	\$935,182	0.00171%	\$328,000	\$15,000		Storm Events damage since the plan includes 1 zone-level High Wind record (\$3,000) and 2 zone-level Strong Wind records (\$12,000): NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition.

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2021-02-08 <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
Tornado	\$26,721,446,192	\$444,992,236	89,297	\$3,118,712	\$21,827	\$3,229,342	0.0117%	\$7,413,000			
Wildfire	\$1,716,294,794	\$70,007,536	8,344	\$44,747	\$191	\$4,557	0.00261%				
Winter Weather	\$26,721,446,192	\$444,992,236	89,297	\$1,525	\$2,888	\$117,943	under 0.0001%		\$27,000		

Totals since 2021-02-08 (Storm Events through 2026-06-30): 111 county-coded records, 90 with a damage value recorded (including \$0), \$7,798,000; 71 zone-level records, 71 with a damage value recorded (including \$0), \$42,000 reported for the zone; Public Assistance: no counted declaration since the plan.

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 does not add up to the total; the unit total counts each declaration once.

NRI computes earthquake exposure on its own basis, so it exceeds the county building value in B2-a.

Supports FEMA checklist item B2-a: vulnerability (county context)

County context

Source: 5

Measure	Value
Population	89,297
Building value (total, not at risk)	\$26,721,446,192
Agriculture value (total, not at risk)	\$444,992,236
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$21,005,476
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)	\$13,092,442
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

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	3	Severe repetitive loss, NFIP insurance definition	0

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county and state-level rows

Sources: 1, 4

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	3	0	3	0	2
of which: Mayville city	0	0	2	0	2	0	2
of which: Theresa village	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	2	0	2	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	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>
Dodge County	550094	0	0	0	0	0	0	0
Beaver Dam city	550095	0	0	0	0	0	0	0
Brownsville village	550096	0	0	0	0	0	0	0
Clyman village	550447	0	0	0	0	0	0	0
Columbus city	550058	0	0	0	0	0	0	0
Fox Lake city	550097	0	0	0	0	0	0	0
Hartford city	550473	0	0	0	0	0	0	0
Horicon city	550098	0	0	0	0	0	0	0
Hustisford village	550557	0	0	0	0	0	0	0
Iron Ridge village	550100	0	0	0	0	0	0	0
Juneau city	550448	0	0	0	0	0	0	0
Kekoskee village	550101	0	0	0	0	0	0	0
Lomira village	550459	0	0	0	0	0	0	0

Jurisdiction	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>
Lowell village	550102	0	0	0	0	0	0	0
Mayville city	550103	0	0	2	0	2	0	2
Neosho village	550104	0	0	0	0	0	0	0
Randolph village	550072	0	0	0	0	0	0	0
Reeseville village	550105	0	0	0	0	0	0	0
Theresa village	550106	0	0	1	0	1	0	0
Watertown city	550107	0	0	0	0	0	0	0
Waupun city	550108	0	0	0	0	0	0	0

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

Jurisdiction 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 jurisdiction row, while the county table counts only its part in this county.

County repeat-flood properties by occupancy group

Sources: 1, 4

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	3	0	3	0	2
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

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. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 3 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <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 2026-09-30, 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 2026-09-30, <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 2026-09-30, <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 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each item is met.

The plan adds what only the community has: local data on assets, critical facilities, development and each jurisdiction's impacts; local hazard history, including state-declared emergencies; the mitigation strategy; and adoption.

How the federal data are built: National Risk Index values are FEMA's model, not counts of events. Storm Events is more complete from 1996; zone-level records are placed by forecast zone, not by location in the county. Public Assistance for a jurisdiction is matched by applicant name. The Methods page gives every rule and the known edge cases.

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Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Dodge County, WI: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 55027). Automated baseline. <https://hazardplain.org/wi/55027/> 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: contact@hazardplain.org