

# HUBBARD COUNTY

# Mitigation Action Chart

#	Hazard	Mitigation Strategy	Mitigation Action	Status Priority Timeframe	Responsibility	Comments on Implementation & Integration	Possible Funding
1	All-Hazards	Education & Awareness Programs	EMERGENCY NOTIFICATION Encourage all county residents to sign-up for the county's Everbridge Emergency Notification System.	Existing High Ongoing	Hubbard County Emergency Management (HCEM)	Hubbard County maintains the Everbridge Emergency Notification System, which allows residents and visitors to sign up ("opt-in") to receive severe weather alerts targeted to their location, along with other local emergency alerts. A link to sign up for the system is located on the Hubbard County Emergency Management website page. Hubbard County utilizes IPAWS and WEA to send emergency alerts to specific geographic locations to individuals who have not signed up for Everbridge.	County Funding
2	All-Hazards	Education & Awareness Programs	PUBLIC OUTREACH Conduct outreach to the public to increase awareness and preparedness for severe weather events, periods of extreme temperatures, and extended power outages.	Existing High Ongoing	HCEM	Hubbard County Emergency Management utilizes the Hubbard County website, Hubbard County Sheriff's Office Facebook page, and local news media to communicate with residents, visitors, schools, and long-term care facilities on emergency preparedness, severe weather, and other hazard conditions throughout the year. The Hubbard County Emergency Management webpage provides emergency preparedness information and resource links for the public.	County Funding

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3	All-Hazards	Mitigation Preparedness & Response Support	EOP PLANNING Ensure the county's Emergency Operations Plan (EOP) is updated and addresses policies & procedures needed to support EM functions prior to, during, and following a disaster.	Existing High Ongoing	HCEM	Hubbard County Emergency Management maintains an all-hazards Emergency Operations Plan (EOP) which lays out concepts and operating guidelines for all incident management and support functions that may be needed to ensure life safety, incident stabilization, and property preservation during an incident and the transition to recovery.	County Funding
4	All Hazards	Local Planning & Regulations	FUTURE DEVELOPMENT Incorporate mitigation strategies across county and local government plans and policies that address future growth and new development.	Existing High 2025-2030	GHC Admin, HC Env. Services., HC Public Works in coord with local gov'ts	Hubbard County continues to work closely with surrounding communities to address planning for increased growth and development that will affect emergency response services as well as an increase in vulnerable systems and infrastructure. Hubbard County uses its Shoreland Ordinance, Subdivision Ordinance, and Transportation Plan to address long-term planning for future development.	County Funding

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5	All-Hazards	Mitigation Preparedness & Response Support	VULNERABLE POPULATIONS Work with county departments, partner agencies, facilities, and local jurisdictions to address planning and outreach efforts for those considered to be more vulnerable to severe weather events.	Existing High Ongoing	HCEM, HCHS	Hubbard County Emergency Management and Hubbard County Human Services continue to provide outreach to and assistance as needed to facilities such as schools, long-term care facilities, and directly to individuals. Schools throughout the county participate annually in tornado drills annually. The county works in coordination with agencies such as the Red Cross and Salvation Army. HCEM and HCHS work with our GIS department to maintain information on the location of key facilities such as hospitals, nursing homes, and day cares.	County Funding other agencies & organizations
6	All-Hazards	Mitigation Preparedness & Response Support	GENERATOR BACKUP POWER Install generators at key county facilities to ensure continuity of operations and services in the event of loss of power.	Existing High Ongoing	HCEM	This is an ongoing effort of HCEM in coordination with Hubbard County Administration and other departments. Not all county, city, and other incident support facilities (e.g., public safety/emergency services stations, designated mass care shelters, etc.) have backup power to provide care for the displaced and the logistical needs of an incident, such as tornadoes, flooding, long-term power outages, and winter storms. HCEM encourages local jurisdictions to evaluate and address where backup power is needed.	County Funding

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7	All-Hazards	Mitigation Preparedness & Response Support	MASS CARE SHELTERING Ensure that plans and designated facilities are in place in order to provide temporary sheltering due to a severe weather or other disaster event.	Existing High 2025-2030	HCEM, HCHS	In the event of a disaster where temporary sheltering is needed, Hubbard County Emergency Management works in coordination with Hubbard County Human Services, the American Red Cross, and local governments/Fire & EMS to provide mass care services as needed. The county EOP includes plans, procedures, and resources available for mass care sheltering.	County Funding
8	Extreme Col	Education & Awareness Programs	EXTREME TEMPS PUBLIC OUTREACH Provide outreach and education to the public on personal safety measures to take during periods of extreme cold.	In-Progress High 2024	HCEM	HCEM works to share information received from the Grand Forks, ND National Weather Service (NWS) Forecast Office when periods of extreme cold are forecast and occurring. Public education regarding extreme cold safety also occurs during the NWS Winter Weather Awareness week that occurs in November each year.	County Funding
9	Extreme Cold	Mitigation Preparedness & Response Support	WARMING CENTERS Work with local communities to develop plans for operating warming centers for those who are vulnerable during extreme cold events.	New High 2025-2030	HCEM	HCEM encourages communities to have plans in place for a local facility (i.e., school, church, community center, Fire Hall) to be designated to operate for temporary sheltering and prepared with backup power and other supplies. HCEM is available to assist communities in this planning as needed.	County and Local Gov't Funding

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10	Severe Winter Storms	Local Planning & Regulations	SNOW & ICE CONTROL Implement snow removal and ice control to ensure the safety of county roads impacted by winter storms.	Existing High 2025-2030	Hubbard County Hwy. Dept.	The Hubbard County Highway Department conducts winter road maintenance on county roads in accordance with the Hubbard County Snow Plowing Policy. Other road jurisdictions conduct winter road maintenance on their respective road systems in accordance with each of their established policy and/or practice.	County Funding
11	Severe Summer Storms	Education & Awareness Programs	SKYWARN TRAINING Work with the National Weather Service (NWS) to provide SkyWarn training and develop a network of trained Storm Spotters throughout the county.	Existing High 2025-2030	HCEM in coord with NWS	HCEM works with the Grand Forks, ND NWS Office to offer this training on an annual basis to local fire and law enforcement departments and local residents that wish to be trained as spotters.	National Weather Service
12	Severe Summer Storms	Mitigation Preparedness & Response Support	OUTDOOR WARNING SIRENS Ensure outdoor warning sirens throughout the county are functional and maintained by the jurisdictions where they are located.	Existing High 2025-2030	HCEM in coord with local jurisdictions	Outdoor warning sirens are located throughout the county and are tested monthly by the Hubbard County Sheriff's Office in coordination with local jurisdictions. Warning sirens are owned and maintained by the cities where they are located. HCEM will work with local jurisdictions that are seeking to upgrade their existing warning sirens or to purchase a new one.	County Funding & local jurisdictions
13	Severe Summer Storms	Structure & Infrastructure Projects	STORM SHELTERS / TORNADO SAFE ROOMS Address the need for the construction of storm shelters or tornado safe rooms in areas where residents or visitors are vulnerable to high wind events, such as mobile home parks and campgrounds.	Existing High 2025-2030	HCEM in coord with local jurisdictions	HCEM will assist any mobile home park or community in their effort to assess and address the need for construction of a storm shelter or tornado safe room. Grant funding may be available for tornado safe rooms from FEMA Hazard Mitigation grant program funding, based on funding availability and application approval.	County Funding, Local Gov't, Possible FEMA Grant Funding

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14	Severe Winter & Summer Storms	Structure & Infrastructure Projects	POWERLINE RETROFITS Encourage municipal and rural electric coops to address burying powerlines or strengthening power poles to avoid power outages from high wind events and storms.	Existing High 2025-2030	HCEM, local jurisdictions in coord with electric utility providers	HCEM works with the utility cooperatives that serve the county and local governments on these efforts as needed. FEMA HMA grant funding may be a source for powerline infrastructure retrofits that eligible rural and municipal electric coops can apply for.	Electric Coop funding, Possible FEMA Grant Funding
15	Severe Winter & Summer Storms	Local Planning & Regulations	BUILDING SAFETY Ensure that new development projects follow state building codes in order to withstand the impacts of severe weather events, including roof collapse from heavy snow or damages from high wind events.	Existing Moderate 2025-2030	Hubbard County Environmental Services	Hubbard County Environmental Services oversees permits for new development. Hubbard County recommends new development is built to meet the specifications as provided by the State of Minnesota's Department of Labor and Industry in order to minimize financial burdens and potential safety hazards which can arise from poorly constructed buildings. Local jurisdictions enforce their own building permits respectively.	County Funding
16	Severe Winter & Summer Storms	Natural Systems Protection	VEGETATION MANAGEMENT Manage trees and other vegetation along roads from severe storm events to reduce risk to powerlines and passing motorists.	Existing Moderate 2025-2030	HC Highway Dept., Local Utility Providers	The Hubbard County Highway Dept. regularly conducts vegetation management along county roads to reduce the risk of downed trees or branches resulting from severe spring and summer storm events. Local utility providers also work to manage vegetation near power lines to reduce the risk of downed lines and power outages.	County Funding, Utility Coops

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17	Wildfire	Local Planning & Regulations	COMMUNITY WILDFIRE PROTECTION PLAN Develop a CWPP in coordination with the MN DNR Firewise Program and local jurisdictions.		HCEM in coord with NE MN DNR Firewise Coordinator	This a priority project area for Hubbard County. HCEM will work with the MN DNR Central MN Firewise Coordinator to evaluate and apply for possible grant funding from the federal Community Wildfire Defense Grants to develop a new Hubbard County CWPP. When the plan is being updated, HCEM will work with local city and township fire departments and government officials to assess current fire risks and a range of mitigation actions to reduce wildfire risk. CWDG grants cover 90% cost share match with awards up to \$250,000.	Community Wildfire Defense Grant & County/local government cost share
18	Wildfire	Natural Systems Protection	FIREWISE OUTREACH & EDUCATION Promote wildfire safety awareness and encourage homeowners to conduct assessments for defensible space.	Existing High 2025-2030	HCEM in coord with local FDs	Hubbard County Emergency Management provides information on the EM website page that links to the Firewise "50 things you can do to protect your home". HCEM encouraged local fire departments to work with homeowners who live in high risk wildfire areas to conduct Level 1 Firewise assessments for defensible space.	County Funding, Local FD's

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19	Flooding	Local Planning & Regulations	SHORELAND ORDINANCE Implement the county's Shoreland Ordinance to reduce potential impacts of high rain events to adjacent structures.	Existing High 2025-2030	HC Envr. Services	Hubbard County Shoreland Management Ordinance No. 17, Amendment 22, 02/06/2024 is managed by HC Environmental Services. The shoreland ordinance establishes allowable uses and development standards in shoreland areas designated within the county. In addition to establishing setback requirements, the ordinance specifies that local shoreland controls must regulate placement of structures in relation to high water elevation for flood protection. Hubbard County has NSFHA (No Special Flood Hazard Area) status as per MN DNR records.	County Funding
20	Flooding	Local Planning & Regulations / Structure & Infrastructure Projects	LOCALIZED FLOOD RISK REDUCTION Plan for and implement measures to address localized flood reduction projects for roads, bridges, and culverts throughout the county.	Existing High 2025-2030	HC Hwy. Dept.	The Hubbard County Highway Department maintains update of the county's Transportation Plan, which addresses scheduled improvements to county roads, bridges, and culverts. Heavy rain and spring snowmelt affects several county roads. The Highway Dept. continues to address solutions for these areas.	County Funding
21	Flooding	Local Planning & Regulations	WATERSHED PLANNING Work with area watershed organizations to address mitigation plans and projects that address risk reduction for localized flooding and erosion.	Existing Moderate 2025-2030	Hubbard SWCD	The Hubbard County SWCD participates in the following 1W1P's: Leech Lake, Mississippi River Headwaters, and Crow Wing River. These plans address regional watershed planning which include measures for flood mitigation.	SWCD, Watershed District funding



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22	Flooding	Local Planning & Regulations	PROPERTY BUYOUTS Conduct property buyouts to acquire homes affected by repetitive flooding and physically relocate or remove those homes to eliminate future flood damages.	Existing Low 2025-2030	HCEM, HC Envr. Services	There are currently no potential property buyout projects identified by Hubbard County. The county will continue to evaluate and assist with potential future property acquisition projects and application to FEMA or MN DNR for grant funding to conduct buyouts.	Hubbard County, Possible FEMA Grant Funding
23	Drought	Education & Awareness Programs	DROUGHT OUTREACH & EDUCATION Provide outreach and education to residents to be aware of watering restrictions, water conservation tips, and fire safety during periods of severe drought.	Existing High 2025-2030	HCEM	HCEM continues to provide public outreach and education during heightened drought periods using the county website and social media platforms. HCEM encourages city and townships to promote drought awareness to residents at the local level.	Hubbard County
24	Drought	Local Planning & Regulations	WATERING RESTRICTIONS Implement watering restrictions during periods of drought as per MN DNR guidance.	Existing High 2025-2030	HCEM in coord with MN DNR and local jurisdictions	Hubbard County and local jurisdictions will establish and enforce watering restrictions as per MN DNR guidelines during periods of severe drought.	County Funding, Local Gov'ts