

CITY OF WARREN

Mitigation Action Chart

#	Hazard	Mitigation Strategy	Mitigation Action	Status Priority Timeframe	Responsibility	Comments on Implementation & Integration	Possible Funding
1	All-Hazards	Education & Awareness Programs	Encourage residents to be aware of and prepared for severe weather events, periods of extreme temperatures, and extended power outages.	Existing High 2024-2029	City Admin, City EM	Warren utilizes our city Facebook page for emergency announcements. The local newspaper also provides information and the city newsletter which is distributed with the utility bills. We encourage residents to sign up for the county's CodeRED system via the city's newsletter and by responding to resident inquiries. We will continue to use our social media and city newsletter to encourage residents to be aware of severe storm and temperature events and to be prepared.	City
2	Extreme Cold	Local Planning & Regulations	Inform residents, businesses, and apartment owners of the city's Frozen Water Lines policy to help reduce the risk of frozen pipes during periods of extreme cold.	Existing High 2024-2029	City Admin, City Public Works	To help mitigate against frozen pipes during periods of extreme cold, the city has a Frozen Water Lines policy that is posted on our city website. The policy addresses that to protect city infrastructure and provide for the safety of city residents, the city may provide a service of thawing frozen service laterals to commercial businesses, owner occupied residences, owner-occupied residential condominiums and owner-occupied co-operative housing.	City
3	Severe Winter & Summer Storms	Structure & Infrastructure Projects	Reduce the risk of downed power lines and extended power outages from the impacts of heavy snow, ice, or high wind events.	Existing High 2024-2029	Warren Light, Power, & Gas	The city has its own municipal utility, Warren Light, Power & Gas. The utility manages vegetation near powerlines and works to convert overhead powerlines to underground or apply other risk reduction measures for power outages when necessary.	City

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4	Severe Summer Storms	Structure & Infrastructure Projects	Ensure the functionality of the city's outdoor warning siren for high wind events.	Existing High 2024-2029	City EM	The city has 5 outdoor warning sirens which are maintained regularly and tested on a monthly basis in coordination with Marshall County Emergency Management.	City
5	Drought	Local Planning & Regulations	Monitor the city water supply levels and work with landowners to restrict water use during periods of drought.	New Moderate 2024-2029	City Admin	The city water supply comes from an underground source with the pump located about 3 miles from the city. There are irrigation wells that take from the same underground source which compromises the water supply for the entire city of Warren. The city has lowered the pumps at the water source and has a better monitoring system. There are agreements in place with the landowners to shut down the irrigation when our supply is compromised. In the event of an extended drought, we would work with Marshall County Emergency Management to address emergency water supplies if needed. We will be receiving money from the MN DNR for work done to address mitigation issues to lower the pump for the water monitoring system.	City, MN DNR
6	Drought	Local Planning & Regulations / Education & Awareness Programs	Establish watering restrictions during drought conditions and raise public awareness of water conservation measures.	New Moderate 2024-2029	City Admin	The city will establish and enforce a water conservation ordinance as per MN DNR guidelines during periods of severe drought. The city will do local outreach to help make residents aware of the ordinance and the limitations on non-essential water usage.	City

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7	Flooding	Structure & Infrastructure Projects	Implement stormwater system improvement to reduce the risk of localized flooding to homes and the city storm sewer system.	Existing High 2024-2029	City Admin, City Public Works	In 2007 the city had a diversion channel that was put in by a partnership of the Army Corps of Engineers, Marshall County, and the Watershed District. This helps to mitigate spring flooding and high rain events. It diverts any excess water from the Snake River channel away from the community.	City
8	Flooding	Local Planning & Regulations	Enforce city ordinances that reduce the impacts of high rain events and risk of flooding to areas of new development.	Existing Moderate 2024-2029	City Admin	The city of Warren enforces requirements of the NFIP through the city's current floodplain ordinance, adopted 3/23/21 and published publicly 3/23/21 This ordinance regulates development in the flood hazard areas of the city. The City Administrator is the city's Floodplain Administrator.	City