

Community Profile

City of Yutan

Lower Platte North NRD Hazard Mitigation Plan 2025

Community Fact Sheet

Community Summary Fact Sheet

Yutan, NE
Lower Platte North NRD Hazard Mitigation Plan 2025

1,380

Total Population

40.4

Median Age

542

Total Households

2.55

Average Household Size

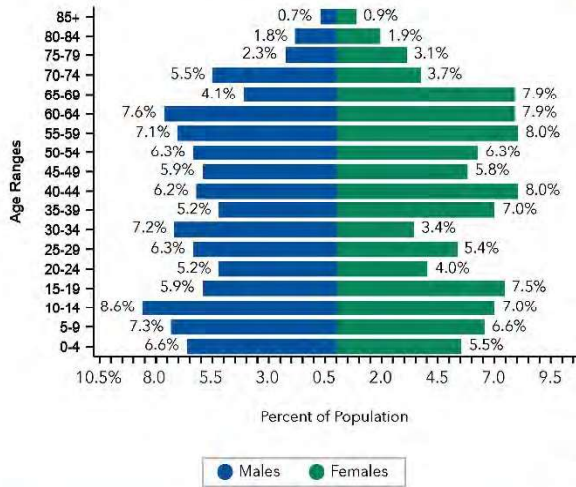
\$217,241

Median Home Value

\$74,467

Median Household Income

AGE PYRAMID



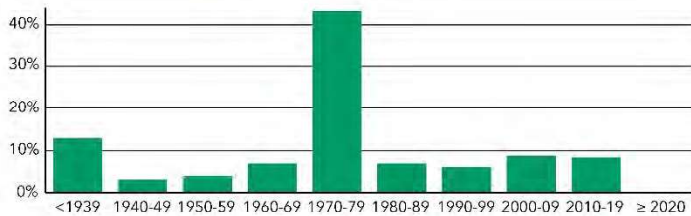
TOTAL POPULATION

2023 Total Population (Estimate)	1,380
2020 Total Population (U.S. Census)	1,347
2010 Total Population (U.S. Census)	1,153
2000 Total Population (U.S. Census)	1,143

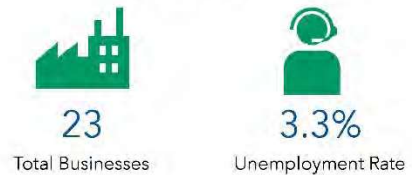
AT RISK POPULATIONS



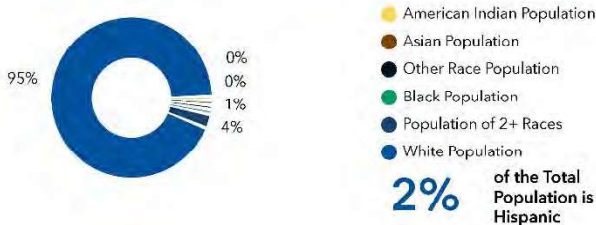
HOUSING: YEAR BUILT



EMPLOYMENT



POPULATION BY RACE



HOUSING



Source: Esri, U.S. Census, Esri-Data Axle, ACS, Esri forecasts for 2023, 2020, 2010, 2000, 2017-2021.

Local Planning Team

Yutan Local Planning Team

Name	Title	Jurisdiction	Round 1 Meeting	Round 2 Meeting
Matt Thompson	Mayor	City of Yutan	Materials Development	Materials Development
Bob Oliva	City Administrator	City of Yutan	Materials Development	-
Robert Costa	Community Planner	City of Yutan	Attended, Materials Development	Attended, Materials Development

Plan Maintenance

Hazard Mitigation Plans are living documents and should be updated regularly to ensure effectiveness and reflect changes in hazard events, priorities, and mitigation actions. These updates are encouraged to occur after every major disaster event, alongside planning document updates, before the Hazard Mitigation Assistance Grants cycle begins, and/or prior to other funding opportunity cycles beginning.

The community planner and city administrator will be responsible for reviewing and updating the community profile outside of the five-year update. Yutan will review the plan bi-annually or more and the public will be notified at public meetings.

Capability Assessment

The planning team assessed the City of Yutan’s hazard mitigation capabilities by reviewing planning and regulatory capabilities, administrative and technical capabilities, fiscal capabilities, and education and outreach capabilities.

Yutan Capability Assessment

Capability/Planning Mechanism		Yes/No
Planning & Regulatory Capability	Comprehensive Plan	Yes
	Capital Improvements Plan	Yes
	Economic Development Plan	No
	Emergency Operations Plan	Yes
	Floodplain Management Plan	Yes
	Storm Water Management Plan	No
	Zoning Ordinance	Yes
	Subdivision Regulation/Ordinance	Yes
	Floodplain Ordinance	Yes
	Building Codes	Yes
	Water System Emergency Response Plan	Yes
	Wellhead Protection Plan	Yes
	National Flood Insurance Program	Yes
	Community Rating System	No
	Community Wildfire Protection Plan	Yes (Regional)
Other (if any)	-	

Capability/Planning Mechanism		Yes/No
Administrative & Technical Capability	Planning Commission	Yes
	Floodplain Administrator	Yes
	GIS Capabilities	Yes
	Chief Building Official	Yes
	Civil Engineering	Yes
	Grant Manager	Yes: City Administrator
	Mutual Aid Agreement	Yes: Fire Department
	Other (if any)	-
Fiscal Capability	1- & 6-Year Plan	Yes, Adopted 9/17/2024
	Applied for Grants in the Past	Yes
	Awarded a Grant in the Past	Yes
	Authority to Levy Taxes for Specific Purposes such as Mitigation Projects	Yes
	Gas/Electric/Water/Sewer Service Fees	Yes (Water, Sewer)
	Storm Water Service Fees	No
	Development Impact Fees	No
	General Obligation Revenue or Special Tax Bonds	Yes
Other (if any)	-	
Education & Outreach Capability	Local Citizen Groups or Non-Profit Organizations Focused on Environmental Protection, Emergency Preparedness, Access and Functional Needs Populations, etc.	No
	Ongoing Public Education or Information Program (e.g., Responsible Water Use, Fire Safety, Household Preparedness, Environmental Education)	No
	Natural Disaster or Safety Related School Programs	Yes
	StormReady Certification	No
	Firewise Communities Certification	No
	Tree City USA	No
	Other (if any)	-

Yutan Overall Capability

Capability	Limited/Moderate/High
Financial Resources to Implement Mitigation Projects	Moderate
Staff/Expertise to Implement Projects	Moderate
Public Support to Implement Projects	Moderate
Time to Devote to Hazard Mitigation	Moderate
Ability to Expand and Improve the Identified Capabilities to Achieve Mitigation	Moderate

National Flood Insurance Program (NFIP)

Yutan is a member of the NFIP, having joined on 4/4/1983, and the village’s Floodplain Administrator oversees the commitments and requirements of the program. The floodplain administrator and city staff members use adopted FIRM data, FEMA Map Service Center, zoning map, and data provided by a surveyor to identify the Base Flood Elevation and determine if a development will be located in the floodplain. Floodplain permits are reviewed by staff for compliance with local floodplain management provisions; staff consult with NeDNR on specifics. If a development is code compliant and all other agency permits are issued, a permit is granted to the applicant. Enforcement and compliance of the floodplain regulations are done through allowed violation/penalty provisions, and cooperating with NeDNR, FEMA, and all other agencies involved. After a flood event, the community conducts in-person inspections of substantially damaged and improved structures and consult with appropriate agencies on next steps. The city’s floodplain regulations do not exceed the State of Nebraska requirements. Letters of Map Change are reviewed and approved by the Floodplain Administrator and filed into city records.

The local planning team has stated that Yutan will remain in good standing and be involved with the NFIP. Currently, the city has no barriers when running the program. There are no known areas in the community with limited NFIP coverage. The city educates property owners and other stakeholders about the importance of flood insurance through conversations with the floodplain administrator. Additional NFIP information is given in the table below.

Yutan NFIP Information

NFIP Overview	
Date of NFIP Participation:	4/4/1983
Floodplain Administrator:	Robert Costa
Is Floodplain Administrator a Certified Floodplain Manager?	No
Is Floodplain Management an Auxiliary Function?	No
Number of NFIP Policies In-Force:	2
Total NFIP Premium (\$):	\$2,862
Total NFIP Coverage (\$):	\$850,000
Number of Claims Paid Out:	0
Total Amount of Claims Paid Out (\$):	\$0
Number of Repetitive Loss Structures:	0
Number of Severe Repetitive Loss Structures:	0
Is the Community Currently Suspended from the NFIP?	No
Any Outstanding Compliance Issues?	No
FIRMs Digital or Paper?	Digital
Located in a RISK Map Area?	No

Buildings and Valuation in the Floodplain

The planning team acquired GIS parcel data from the County Assessor and Microsoft building footprint data to analyze the location, number, and value of buildings located in the 100-year and 500-year floodplains. A summary of the results of this analysis is provided in the following tables.

Yutan Buildings and Value in the 100-Year Floodplain

Number of Buildings	Total Building Value	Number of Buildings in Floodplain	Value of Buildings in Floodplain	Percentage of Buildings in Floodplain
574	\$82,828,049	12	\$237,511	2.1%

Source: County Assessor, 2024; Microsoft, 2024

Yutan Buildings and Value in the 500-Year Floodplain

Number of Buildings	Total Building Value	Number of Buildings in Floodplain	Value of Buildings in Floodplain	Percentage of Buildings in Floodplain
574	\$82,828,049	21	\$2,960,636	3.7%

Source: County Assessor, 2024; Microsoft, 2024

Plans and Studies

The City of Yutan has several planning documents that discuss or relate to hazard mitigation. Each plan is listed below along with a short description of how it is integrated with the hazard mitigation plan or how it contains hazard mitigation principles. When the city updates these planning mechanisms, the local planning team will review the hazard mitigation plan for opportunities to incorporate the goals and objectives, risk and vulnerability data, and mitigation actions into the update.

Building Code (2017)

The building code sets standards for constructed buildings and structures. Residential construction is under 2021 IRC standards. An amendment to the code was made to remove the requirement for fire sprinklers in one- and two-family homes. Yutan’s other nonresidential building codes are under the 2015 ICC standards. The hazard mitigation plan has not been integrated with the city’s building code.

Capital Improvement Plan (2023)

The capital improvement plan outlines projects the city would like to pursue and provides a planning schedule and financing options. Completed projects include installing water meters for residential structures and constructing a new fire hall. There is no plan or timeline to update the capital improvement plan. The hazard mitigation plan has not been integrated with Yutan’s capital improvement plan.

Comprehensive Plan (2023)

The comprehensive plan is designed to guide the future actions and growth of the city. The hazard mitigation plan has not been integrated with the comprehensive plan, but flooding is mentioned in the document. In the comprehensive plan, development is directed away from the floodplain and structures located in the floodplain are encouraged to be elevated. The city does not have a plan or timeline to update the comprehensive plan.

Floodplain Ordinance (2016/2017)

The city’s floodplain ordinance outlines requirements for structures and developments located in the 100-year floodplain. By having a floodplain ordinance, the city promotes public health, safety, and welfare by minimizing losses due to floods. It also helps to assure eligibility of purchasing flood insurance for property owners. Development is prohibited only within the floodway zone. The floodplain ordinance is scheduled to be updated in the summer or fall of 2025. The hazard mitigation plan has not been integrated into the floodplain ordinance.

Saunders County Local Emergency Operations Plan (2021)

The Saunders County Local Emergency Operations Plan (LEOP) establishes standardized policies, plans, guidelines, and procedures for emergency resources and governmental entities to respond and recover when a disaster event occurs. It contains information regarding direction and control, communications and warning, damage assessment, emergency public information, evacuation, fire services, health and human services, law enforcement, mass care, protective

shelters, and resource management. This plan is updated every five years. The hazard mitigation plan has been integrated with this plan and includes the top hazards that would affect the county and its populations. Flooding, dam failure, and mass shelter information from the LEOP was used to inform hazard prioritization and community lifelines.

Southeast Nebraska Community Wildfire Protection Plan (2020)

The purpose of the Southeast Nebraska Community Wildfire Protection Plan CWPP is to help effectively manage wildfires and increase collaboration and communication among organizations who manage fire. The CWPP discusses county-specific historical wildfire occurrences and impacts, identifies areas most at risk from wildfires, discusses protection capabilities, and identifies wildfire mitigation strategies. Wildfire projects and concerns from the 2015 hazard mitigation plan were included in the CWPP and wildfire projects in the current hazard mitigation plan will be included during the next CWPP update. Projects identified in the CWPP were reviewed for inclusion in this community profile. This document is updated every five years.

Subdivision Regulations (2017)

The city's subdivision regulations govern the division of land from one or more larger parcels into smaller lots. Future updates to the subdivision regulations will restrict subdivision of land within or adjacent to the floodplain. The subdivision regulations are scheduled to be reviewed for updates in 2025 or 2026. The hazard mitigation plan has not been integrated into the subdivision regulations.

Water System Emergency Response Plan (2019)

A water system emergency response plan serves as a guideline for water operators and city council to minimize the disruption of normal services to consumers and to provide public health protection during an emergency event. The document identifies several natural and human-caused events and discusses the water system's response during those events. The hazard mitigation plan has not been integrated into the water system emergency response plan.

Wellhead Protection Ordinance (2023)

The purpose of a wellhead protection ordinance is to protect the public drinking water supply wells from contamination. It includes identifying potential sources of groundwater contamination in the area and managing the potential contaminant sources. Yutan's wellhead protection ordinance can be found in its municipal code (Chapter 7, Article 2). The hazard mitigation plan has not been integrated into the wellhead protection ordinance.

Zoning Ordinance (2023)

The city's zoning ordinance outlines where and how development should occur in the future. According to Yutan's zoning ordinance, development is restricted in hazard-prone areas. The zoning ordinance is scheduled to be updated in the summer or fall of 2025. The hazard mitigation plan has not been integrated into the zoning ordinance.

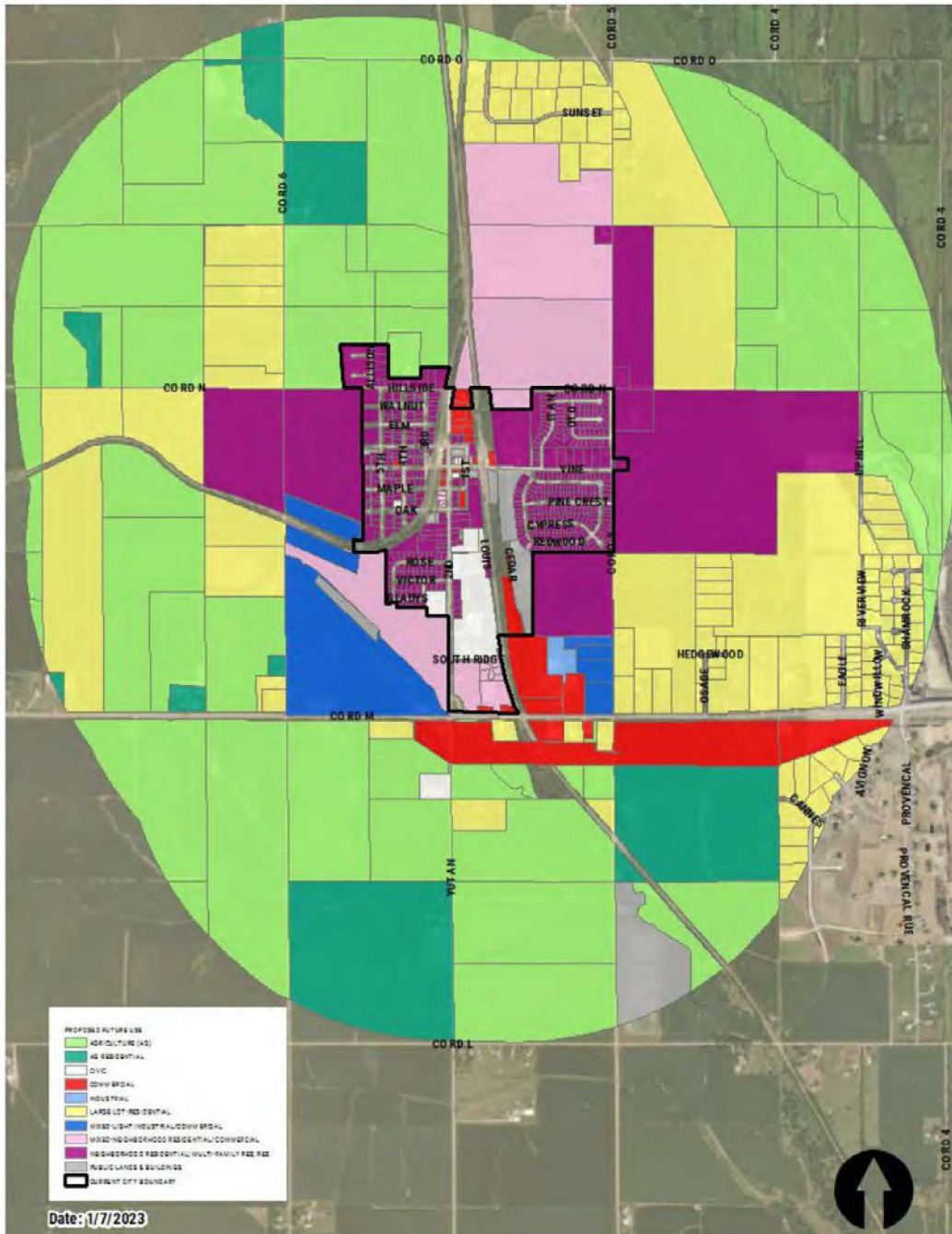
Future Development Trends

In 2024, a private property demolished grain elevators that were in the FIRM-identified floodplain, reducing the vulnerability to flood damage. Over the past five years, a new apartment complex was constructed in the central business district. The city does not anticipate new housing development or businesses and industries in the near future. For hazards like drought, extreme temperatures, severe thunderstorms, severe winter storms, and tornadoes and high winds, all new and future developments could be impacted regardless of where they are located. According

to the local planning team any new and future development is not likely to occur in any other known hazard locations.

The future land use map below indicates the city's intended land use growth. Mixed neighborhood multifamily residential development is illustrated in dark purple and is expected to grow east, northeast, and west of the current community boundaries. Mixed neighborhood multifamily and commercial land use is planned to the north and southwest; commercial land use is designated along Highway 92; and large lot residential, agricultural residential, and agricultural land uses fill the remaining ETJ limits.

Future Land Use Map



Community Lifelines

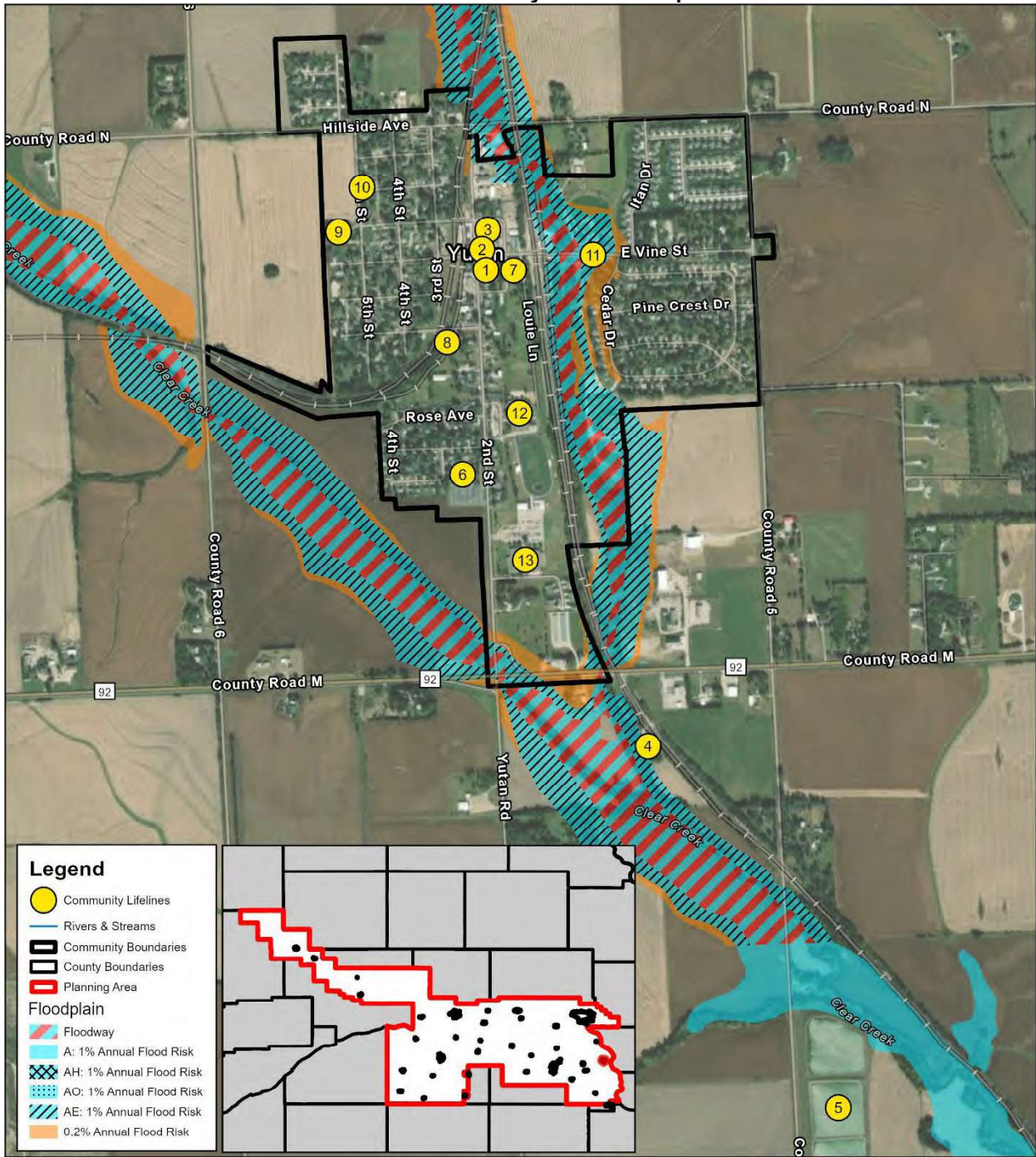
As listed in the following table, each participating jurisdiction identified community lifelines that are vital for disaster response and essential for returning the jurisdiction’s functions to normal during and after a disaster per the FEMA Community Lifelines guidance. The FEMA lifeline categories include Safety and Security; Food, Water, and Shelter; Health and Medical; Energy; Communication; Transportation; and Hazardous Material Facilities.



Yutan Community Lifelines

CL Number	Name	Community Lifeline Type	Generator (G) Shelter (S)	Floodplain
1	Community Center	Other	-	N
2	City Office	Safety and Security	-	N
3	Fire Station	Safety and Security	G	N
4	Sanitary Lift Station	Food, Water, Shelter	G	N
5	Sewage Lagoons	Food, Water, Shelter	-	N
6	St. John’s Lutheran Church	Other	-	N
7	US Post Office	Safety and Security	-	N
8	Utilities Department / Well #2	Food, Water, Shelter	-	N
9	Water Tower	Food, Water, Shelter	-	N
10	Well #1	Food, Water, Shelter	G	N
11	Well #3	Food, Water, Shelter	-	Y (1%)
12	Yutan Elementary School	Safety and Security	-	N
13	Yutan High School	Safety and Security	-	N

Yutan Community Lifelines Map



Legend

- Community Lifelines
- Rivers & Streams
- Community Boundaries
- County Boundaries
- Planning Area

Floodplain

- Floodway
- A: 1% Annual Flood Risk
- AH: 1% Annual Flood Risk
- AO: 1% Annual Flood Risk
- AE: 1% Annual Flood Risk
- 0.2% Annual Flood Risk

Created By: RT
 Date: 12/23/2024
 Software: ArcGIS Pro 3.4.0
 File: Lower Platte North NRD HMP 2025

This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plat.

City of Yutan

**2025 LOWER PLATTE NORTH NRD
 HAZARD MITIGATION PLAN**

0 500 1,000
Feet

Hazard Prioritization and Mitigation Strategy

The Lower Platte North NRD Hazard Mitigation Plan evaluates a range of natural and human-caused hazards which pose a risk to the counties, communities, and other participants. During the planning process, the local planning team prioritized specific hazards of top concern for Yutan which required a more nuanced and in-depth discussion of past local events, potential impacts, capabilities, and vulnerabilities. The following section expands on the prioritized hazards identified by the City of Yutan. Based on this analysis, the local planning team determined their vulnerability to all other hazards to be of secondary concern, however Yutan has identified mitigation actions to reduce the impacts of the hazards. For a review and analysis of other regional hazards, please see *Section Five* and *Appendix A*.

Flooding

Though no damage occurred within Yutan city limits, the March 2019 flooding of the Platte River damaged many roads around the city making transportation to and from Yutan difficult. Maintaining these transportation routes is important as most residents commute to work outside of the city. Yutan experienced minor flash flooding in May 2024. Clear Creek southwest of the city limits and Upper Clear Creek running through the center of Yutan are also prone to flooding. Riverine flooding is more of a concern than flash flooding because of the city’s proximity to the Platte River, Clear Creek, and Upper Clear Creek. Cedar Drive in the Timbercrest Subdivision has poor stormwater drainage. The city has plans to rebuild city-owned impacted buildings above the recognized Base Flood Elevation. Future actions to mitigate this risk include building structures to NFIP standards and minimizing obstructions in waterways.

Mitigation and Strategic Actions

Action	Flood Prone Property Mitigation
Description & Location	Rebuild city-owned buildings and structures that have been impacted by flooding to be above the Base Flood Elevation. Ensure current and future developments are up to the NFIP standards.
Hazard(s) Addressed	Flooding
Estimated Cost	Varies by project
Local Funding	General Fund
Timeline	2-5 Years
Priority	Medium
Lead Agency	City Administration, Floodplain Administrator
Status	Not started. Yutan is planning to rebuild city-owned buildings above BFE.

Grass/Wildfires

Grass and wildfire are a concern for the city because they could damage the agricultural land around Yutan. The Yutan Volunteer Fire Department responds to fires in the region. The city’s building codes and zoning ordinance both require space between structures that will help prevent fire from spreading between structures. Continued following and maintenance of the building code and zoning regulations are needed to reduce fire risks.

Mitigation and Strategic Actions

See the *Tree City USA* action under Severe Thunderstorms.

Levee Failure

While not identified as a prioritized hazard by the local planning team, Yutan is protected by the Upper Clear Creek levee in the northern area of the community. There is no data available of the

levee overtopping. The Upper Clear Creek levee protects one building, seven people, and an estimated \$500,000 in property value according to the 2023 USACE National Structure Inventory. The map below illustrates the levee’s location within the community.

Mitigation and Strategic Actions

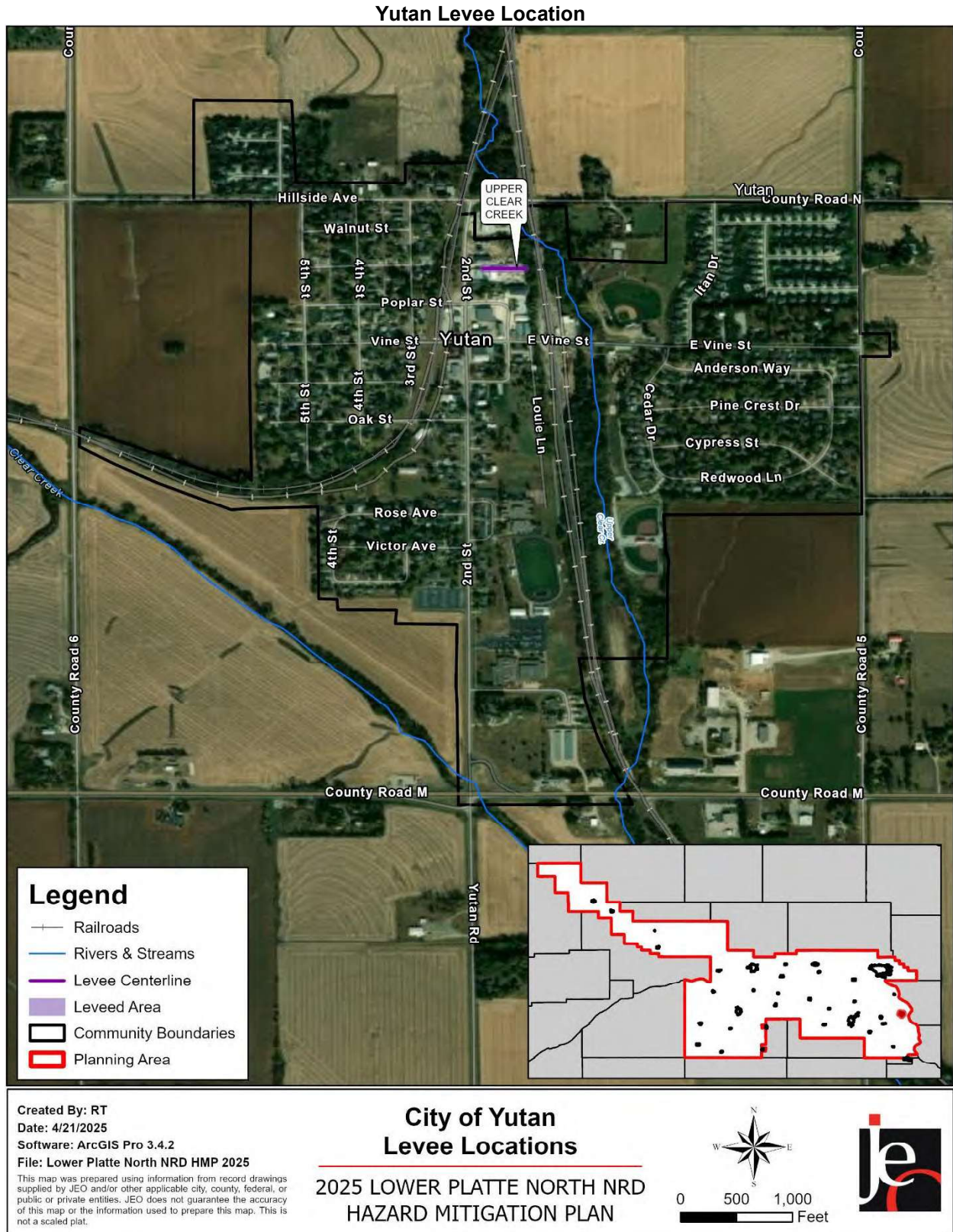
Action	Infrastructure Hardening
Description & Location	Harden community lifelines to withstand high winds, hail, heavy snow, etc., by hardening roofs, hail resistant barriers to HVAC systems, shatter-proofing windows, building tie-downs and anchors, flood walls, and other architectural designs that reduce damage.
Hazard(s) Addressed	Flooding, Grass/Wildfires, Levee Failure, Severe Thunderstorms, Severe Winter Storms, Tornadoes and High Winds
Estimated Cost	Varies by project
Local Funding	General Fund
Timeline	5+ Years
Priority	Low
Lead Agency	City Administration, Utilities
Status	Not started. Community lifelines are protected under hail insurance.

Severe Thunderstorms

The risk of hail damage to property, agriculture, and infrastructure is a concern for the community. Severe thunderstorms are a yearly occurrence in the planning area. The last large hailstorm occurred in August 2021 with 1.25 inch-size hail stones that did not result in property damage. Community lifelines are not fitted with hail-resistant materials, but they are insured for hail damage. There is no local tree board to maintain trees and residents do not receive information regarding hail-resistant building materials with building permits.

Mitigation and Strategic Actions

Action	Tree City USA
Description & Location	Work to become a Tree City USA through the National Arbor Day Foundation in order to receive direction, technical assistance, and public education on how to establish a hazardous tree identification and removal program in order to limit potential tree damage and damages caused by trees in a community when a storm event occurs.
Hazard(s) Addressed	Grass/Wildfires, Severe Thunderstorms, Severe Winter Storms, Tornadoes and High Winds
Estimated Cost	Staff Time
Local Funding	General Fund
Timeline	5+ Years
Priority	Low
Lead Agency	City Administration, Utilities
Status	Not started. Community lifelines are protected under hail insurance.



Severe Winter Storms

Yutan is responsible for preparing for and responding to winter storms. For heavy snow, this requires a significant amount of manpower, equipment, and resources. Snow and ice increase the risk of traffic accidents and impede residents from their commutes to work. Extreme cold increases the likelihood of water main breaks. Approximately 65% of power lines in the community are buried, protecting them from damage during severe storms. There are unofficial snow routes along 2nd Street and Vine Street to aid snow removal and ease of transportation. The Public Works Department is responsible for removing snow using two trucks with blades, a skid loader with a snow pusher attachment, and a salter that fits on a pickup. The Police and Rural Fire Departments acquired a UTV for emergency personnel which will be fitted with tracks to move through snow and ice. The city will continue being attentive during snow emergencies to mitigate future risks.

Mitigation and Strategic Actions

Action	Backup and Emergency Generators
Description & Location	Identify and evaluate current backup and emergency generators. Obtain additional generators based on identification and evaluation. The city would like a backup generator for the city offices. Look into installing a backup generator for the water tower.
Hazard(s) Addressed	Extreme Temperatures, Flooding, Grass/Wildfires, Severe Thunderstorms, Severe Winter Storms, Tornadoes and High Winds
Estimated Cost	Varies by size
Local Funding	General Fund
Timeline	2-5 Years
Priority	Medium
Lead Agency	Utilities
Status	An additional generator for well #2 is a priority. The city office and city shop have been identified as needing generators.

Tornadoes and High Winds

In April 2024, a tornado touched down within the vicinity of Yutan, and another tornado occurred outside city limits on July 2024. High winds from the July tornado impacted areas across the city. In case of a disaster, electronic records are backed up on a secure server. Physical records are stored in the city office with the older records in the basement. There are two sirens in town. They are activated by County Dispatch or the Yutan Fire Department. There are no public safe rooms in the city. County emergency management offers text alerts for emergencies and severe weather. The city does not have Mutual Aid Agreements in place. The planning team has continued training for emergency services and strengthened building codes to mitigate risks.

Mitigation and Strategic Actions

Action	Alert/Warning Sirens
Description & Location	Perform an evaluation of existing alert sirens in order to determine sirens which should be replaced or upgraded. Install new sirens where lacking with remote activation options.
Hazard(s) Addressed	Dam Failure, Flooding, Grass/Wildfires, Hazardous Materials Release, Levee Failure, Severe Thunderstorms, Severe Winter Storms, Tornadoes and High Winds
Estimated Cost	\$5,000+
Local Funding	General Fund
Timeline	5+ Years
Priority	Low
Lead Agency	City administration, utilities
Status	An additional alert siren could benefit the community.

Other Mitigation and Strategic Actions

Action	Continuity Planning
Description & Location	Develop continuity plans for critical community services. Develop continuity plans for critical services in order to increase resiliency after a hazardous event. Encourage businesses to develop continuity plans.
Hazard(s) Addressed	Animal & Plant Disease, Dam Failure, Drought, Extreme Temperatures, Flooding, Grass/Wildfires, Hazardous Materials Release, Levee Failure, Severe Thunderstorms, Severe Winter Storms, Terrorism and Cyber-Attack, Tornadoes and High Winds
Estimated Cost	\$10,000+
Local Funding	General Fund
Timeline	5+ Years
Priority	Low
Lead Agency	City administration
Status	Lower priority but discussions are happening.

Action	Drought Monitoring
Description & Location	Increase drought monitoring at a local and regional level.
Hazard(s) Addressed	Drought
Estimated Cost	Staff Time
Local Funding	Staff Time, General Budget
Timeline	5+ Years
Priority	Medium
Lead Agency	Village Board
Status	Not started.

Action	Drought Ordinance
Description & Location	Create and pass a more robust drought ordinance. The NRD can work with local community leaders and water system operators to promote developing and updating local drought ordinances.
Hazard(s) Addressed	Drought
Estimated Cost	Staff Time
Local Funding	Staff Time, General Budget
Timeline	2-5 Years
Priority	Medium
Lead Agency	Village Board
Status	Not started.

Action	Groundwater Monitoring Wells
Description & Location	Work with the LPN NRD on possibly adding groundwater monitoring wells near the community.
Hazard(s) Addressed	Drought
Estimated Cost	Unknown
Local Funding	General Fund
Timeline	5+ Years
Priority	Medium
Lead Agency	City administration, utilities
Status	Not started.

Action	Update Comprehensive Plan
Description & Location	Update comprehensive plan. Integrate plan with Hazard Mitigation Plan components.
Hazard(s) Addressed	Animal & Plant Disease, Dam Failure, Drought, Extreme Temperatures, Flooding, Grass/Wildfires, Hazardous Materials Release, Levee Failure, Severe Thunderstorms, Severe Winter Storms, Terrorism and Cyber-Attack, Tornadoes and High Winds
Estimated Cost	\$15,000+
Local Funding	General Fund
Timeline	5+ Years
Priority	Low
Lead Agency	City administration
Status	Not started.

Action	New Municipal Well
Description & Location	Drill a third well to meet future demand.
Hazard(s) Addressed	Drought
Estimated Cost	Varies
Local Funding	General Fund
Timeline	5+ Years
Priority	Low
Lead Agency	City administration
Status	Not started.

Completed Mitigation and Strategic Actions

Action	Backup Records
Description & Location	Develop protocol for backing up critical records onto a portable storage device or service. Maintain routine backup of records.
Hazard(s) Addressed	Flooding, Grass/Wildfires, Severe Thunderstorms, Severe Winter Storms, Terrorism and Cyber-Attack, Tornadoes and High Winds
Status	Records are backed up on a portable storage device. Cloud-based digital records are maintained for historic documents.