

South East Region THIRA

The THIRA follows a four-step process, as described in Comprehensive Preparedness Guide 201, Second Edition:

- 1. Identify the Threats and Hazards of Concern.** Based on a combination of past experience, forecasting, expert judgment, and other available resources, communities identify a list of the threats and hazards of primary concern to the community.
- 2. Give the Threats and Hazards Context.** Communities describe the threats and hazards of concern, showing how they may affect the community.
- 3. Establish Capability Targets.** Communities assess each threat and hazard in context to develop a specific capability target for each relevant core capability. The capability target defines success for the capability.
- 4. Apply the Results.** Communities estimate the required resources per core capability to meet the capability targets. **NOT REQUIRED UNDER THE 2014 STATE HOMELAND SECURITY GRANT PROGRAM**

The THIRA helps communities determine what they need to prepare for, what resources they require, and what their current gaps are. Communities can use this information to help them efficiently build and sustain preparedness capabilities.

Threats and Hazards

| Category | Threat/Hazard | Context |
|----------------|-----------------|--|
| Natural | Winter Storm | Winter storms cause wide spread power outages and road closures leading to stranded motorists. |
| Natural | Wild Fire | During wild fire season our extreme drought and high winds for the past several years lead to escalating fires. |
| Natural | Flood | Heavy rain fall on our prairies due to our ongoing drought lead to flash floods destroying property, roads and stranding people. |
| Natural | Drought | The drought that our region has been under for the last several years has nearly doubled the risks in the region for wild fire and economic loss of crops and livestock. |
| Technological | | |
| Human – Caused | Dam Destruction | A dam failure could cause mass casualties, destruction of property and extended evacuations. |

Planning Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|---|
| Winter Storm | Review and update the Emergency Management Plan | Not all jurisdictions have a plan |
| | Share plan with the community Ensure entire community is knowledgeable in the plan and prepared for the event w/ sufficient food, water, generators, etc. Sufficient shelters. | Not everyone knows how to prepare themselves. |

Capability Statement: Review local and regional plans for public and private partners, and volunteer organizations; conduct workshops, seminars, drills and exercises to validate and refine emergency management plans that address identified threats and hazards

Public Information and Warning Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|---|
| Winter Storm | Keep the public informed prior to and during severe winter weather. | The possibility of power outages during severe storms could impact the distribution of information. |
| Wild Fire | Keep the public informed prior to and during wild fires. | The fast paced and unpredictability of wild fires makes it hard to know who to warn. |

Capability Statement: Educate citizens on threats and hazards in the communities, provide warning and where possible provide early warning of impending incidents. Use several different platforms to keep the public informed and up to date.

Operational Coordination Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Winter Weather | Make plans for the EOC activation in case its needed | All jurisdictions would need to be ready |
| Wild Fire | Establish IC within the first 15 minutes of an incident. | All departments need to be NIMS certified |

Capability Statement: Establish Incident command from the onset of an incident. Make sure all first responders are NIMS certified.

Forensics and Attribution Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|------------------------|---|------------------------------|
| Bombing of Power Plant | Be able to secure and assist state and federal resources. | Mass power outages and panic |

Capability Statement: Secure scene and assist correct agency on evidence handling.

Intelligence and Information Sharing Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|---|
| Power Plant | Be able to assist the power industry with intelligence and information sharing. | Power industry does not share information |

Capability Statement: Keep private, local, state and federal agencies up to date with correct coordinated information.

Interdiction and Disruption Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Winter Weather | Be able to reopen closed roadways as soon as possible and get stranded motorists back on the road. | CDOT controls the state Hwy's need to maintain a good working relationship. |
| Wildfire | Get all critical infrastructure back up and running like Power lines, road closures. | Work with local power authorities to restore power assist in anyway possible. |

Capability Statement: Partner with local and state agencies to assess the situation at hand.

Screening, Search, and Detection Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Winter Weather | Be able to locate any and all stranded motorists | Severe winter weather could hamper search and rescue |
| Flood | Locate flood victims and monitor water and sewer sources | Work with local jurisdictions to monitor water sources and sewer. |

Capability Statement: Partner with local and state agencies to assess the situation at hand.

Access Control and Identity Verification Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|--|
| Winter Weather | Be able to track and maintain counts of all people in shelters, be able to control who comes and goes. | Implement credentialing in all counties in the region |
| Wildfire | Be accountable for all personnel and equipment at any scene | Work with local jurisdictions to implement credentialing and tracking. |

Capability Statement: Use the credentialing system that's in place to control any and all scenes.

Cybersecurity Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|--|--|
| Cyber Attack | Identify and defend against all cyber activities directed against regional networks and systems. Ensure security, reliability, and availability of critical information and communication systems, including the water, transportation, energy, social service, and public health sectors. | Thousands of people without power and other basic services stop. |

Capability Statement: Defend all critical systems from cyber-attacks ie: communication, power, water and transportation either by rail or semi.

Physical Protective Measures Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|---|
| Flood | Warn the public and CI that the threat of flooding is possible. | Flooding affects resources like power, telecommunications and transportation. |
| Wildfire | Warn the public and CI that the threat of flooding is possible. | Wildfire affects resources like power, telecommunications and transportation. |

Capability Statement: Protect all critical infrastructures within the region working with all private sector partners along with local, state and federal agencies.

Risk Management for Protection Programs and Activities Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|--|---|
| Flood | Plans are updated for the protection of these assets in case of severe flooding. | Provides services to thousands of citizens throughout the region. |

Capability Statement: Identify as part of the Regional THIRA and local THIRA's the threats and hazards to infrastructure and at risk population. Work to maintain an up to date list of all infrastructure.

Supply Chain Integrity and Security Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|--|
| Winter Weather | Within 24 hours of storm passage, open all major transportation corridors (Hwy 287, Hwy 160, Hwy 50, Hwy 96) within the region | Entire region and surrounding regions affected. Main transportation routes closed, economic activity ceases as businesses close and residents cannot get out. Thousands stranded away from home or on the roads. |
| | Ensure adequate supply of food, water and medicine are on-hand prior to event. Ensure public is aware of impending event and has stocked up on supplies. | Main distribution lines could be impacted for days. |

Capability Statement: Implement the plans that are in place to assist in the supply chain for critical services like food, water, power and transportation.

Community Resilience Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|--|
| Winter Weather | Develop and increase partnerships within the region | First responders could be overwhelmed |
| | Integrate efforts to understand, communicate, plan, and address risks in local jurisdictions in the region | Many citizens are not prepared for long periods without power or access to essentials (water, food, meds). |

Capability Statement: Implement the strategies set up within the region put into motion the training and exercises that have been done.

Long-term Vulnerability Reduction Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|--|--|
| Wildfire | To be able to quickly respond and extinguish any and all fires | Wildfires could impact large populations |

Capability Statement: Work with business and private sectors to address their wildfire capabilities to reduce their risk. Continue to build the shelter capabilities in the region.

Risk and Disaster Resilience Assessment Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Wildfire | All 6 Counties will update Mitigation Plans and Risk Assessments, and share within the region and neighboring regions (where mutual assistance is likely to be requested). | Communities, environment and risks are constantly changing. |
| Winter Weather | All 6 Counties will update Mitigation Plans and Risk Assessments, and share within the region and neighboring regions (where mutual assistance is likely to be requested). | Communities, environment and risks are constantly changing. |

Capability Statement: Ensure all counties in the region update their plans every couple of years, work with communities local and volunteer organizations to share all plans.

Threats and Hazard Identification Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|---|--|
| Winter Weather | To have all counties in the Region prepared for Winter Storms ie: plan prepare | Lots of elderly and rural people who could be cut off from supplies and help for extended time |
| Wildfire | To have all counties in the Region prepared for Wildfires ie: plan, prepare recover | Very Rural areas have limited resources |

Capability Statement: Perform Risk, Hazard and Threat assessments to assure they are up to date every four years.

Critical Transportation Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Winter Weather | Open all Hwy's in the region within 24 hours of storm completion | Hwy 287, Hwy 160, Hwy 50 Hwy 96 |
| | Routes for first responders to get required supplies and deliver them as needed. | Routes for emergency personnel are cut off. |

Capability Statement: Within 12 hours of storm passage, clear all major traffic routes through the region, and clear secondary routes within 36 hours, and all roads within 96 hours. Establish lines of supply within 24 hours to include roads in order to supply emergency water and sanitation needs for response operations, and establish emergency power and fuel supply.

Environmental Response/Health and Safety Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|--|---|
| Flood | Each town have plans for water and sewer systems | Flood could impact the fresh water supply and disrupt the sewer systems |

Capability Statement: Have the appropriate agencies do health assessments on water and sewer or hazardous material.

Fatality Management Services Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---------------------------------------|---|
| Flood | Be able to handle up to 1,000 remains | Floods can be wide spread and unpredictable, people entering high water can be swept away |

Capability Statement: Coordinate additional resources to assist in the mass quantity of remains from a disaster.

Infrastructure Systems Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|--|---|
| Flood | Asses and stabilize infrastructure Fire, Police, EMS and Hospitals | First responders could be affected by the flood and not be available or among the missing |
| | Inspect affected areas like Homes, Business, Water and Wastewater | Homes and or facilities could be affected |

Capability Statement: Ensure emergency services are restored within the first 12 hours of the incident, including hospitals, fire and police; stabilize critical infrastructure functions to include energy, transportation, and telecommunications; minimize health and safety threats.

Mass Care Services Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|----------------------------------|
| Wildfire | Provide shelter and assistance for all evacuees | 10,000 people forced to evacuate |

Capability Statement: Mobilize, within 24 hours of an incident, resources and capabilities to provide life-sustaining services to the affected population, including animals, consisting of shelter for an estimated 7,000 people in need of potable water, sanitation disposal, security, mental health treatment, functional needs assistance and veterinary services, as well as support for reunifying families.

Mass Search and Rescue Operations Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|--------------------------------------|
| Winter Weather | Within 12 hours, initiate search and rescue operations, rescuing 100% of stranded motorists. | 100's of stranded motorists |
| | Initiate search within 12 hours and within 24 hours rescue 100% trapped or stranded in Rural areas | 100 Rural people stranded or trapped |

Capability Statement: Coordinate the deployment of law enforcement, fire, and search and rescue assets within the first 8 hours after an incident with the capability to search for and rescue 100's of stranded motorists across the region.

On-scene Security and Protection Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|--|
| Winter Storm | During initial hours of an Incident establish verification and credentialing for first responders | Responders from other counties in the Region and or State agencies could be responding |

Capability Statement: Deploy local and state law enforcement resources within four hours of an incident to supply public order, security and life safety.

Operational Communications Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Winter Weather | Restore power to critical functions ie: communication in 12 hours | Internet, Cell service are inoperable |
| | Restore power to Law Enforcement, Hospitals and Emergency services within 12 hours | Power outage to 50,000 people and business, Law Enforcement, Hospitals and Emergency services |

Capability Statement: Ensure sufficient stand-alone communications methods are available for first responders in order to effectively respond in the event of telecommunications outage; prioritize restoration of services to ensure first responders, hospitals and other critical services are restored first.

Public and Private Services and Resources Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|----------------|--|---|
| Winter Weather | Restore power to critical functions ie: communication in 12 hours | Internet, Cell service are inoperable |
| | Restore power to Law Enforcement, Hospitals and Emergency services within 12 hours | Power outage to 50,000 people and business, Law Enforcement, Hospitals and Emergency services |

Capability Statement: Use State, Local and private resources to reestablish essential services disrupted.

Public Health and Medical Services Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|--|
| Flood | All Hospitals be able to handle the initial surge of flood patients | Thousands of people affected by the flood many injuries and deaths |

Capability Statement: Work with all hospitals in the region to make sure they have plans that would be able to handle a large number of patients.

Situational Assessment Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|--|--|
| Winter Storm | Within 2 hours, provide all decision makers with information regarding the nature and extent of the hazard, cascading effects, and the status of the response to inform decision making regarding immediate lifesaving | Thousands of people stranded with all infrastructures closed ie: Business, Schools, Highways and hospitals |
| | Engage governmental, private, and civic sector resources within and outside of the affected area to meet basic human needs and stabilize the incident | Local Government are overwhelmed |

Capability Statement: Within 2 hours, provide all decision makers with information regarding the nature and extent of the event by completing an impact assessment that includes all of the critical information requirements needed by emergency operations centers in accordance with local catastrophic and

operations plans; update every 12 hours; share information to all authorized first responders, emergency managers, and public/private partners concerning potential or ongoing incidents through designated tools

Economic Recovery Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|--|
| Flood | Within 12 hours after an incident has been stabilized, conduct an initial assessment of economic issues and within 24 hours develop a recovery plan in conjunction with whole community partners that will return affected areas to a sustainable economy | Flood that encounters two counties in the Region |

Capability Statement: Work with community partners to identify areas that are critical to economic.

Health and Social Services Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|--|
| Flood | Within 24 hours of the flood, work with the regional Healthcare Coalition to complete an assessment of community health and social service capabilities | Hospitals in the Region will all be impacted with sick and injured |

Capability Statement: Develop a list of resources within 12 hours of an incident. Restore critical resources so at risk people can receive health and social service.

Housing Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|------------------|---------|
|---------------|------------------|---------|

| | | |
|-------|--|---|
| Flood | Address interim housing needs, assess options for permanent housing, and define a timeline for achieving a resilient, accessible, and sustainable housing market | 100's of homes destroyed or damaged by flood waters |
| | Work with State and Federal agencies to setup temporary housing | Some small towns could be severely affected with destruction and damage |

Capability Statement: Work with private establishments and government agencies that can provide temporary housing in the event of an emergency.

Natural and Cultural Resources Core Capability

Desired Outcomes and Impacts

| Threat/Hazard | Desired Outcomes | Impacts |
|---------------|---|--|
| Flood | Within the first 24 hours work to stabilize records, culturally significant documents, objects and structures | Flood could affect many areas of significance ie: Power Plants, Rail Road, Dinosaur tracks, Petroglyphs and Feed Yards |

Capability Statement: Collaborate with State Agencies, private and federal partners to assess 100% of natural and cultural assets within the affected area