



Kingman County, Kansas Multi-Hazard Mitigation Plan

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Prepared by
AMEC Earth and Environmental
Hazard Mitigation and Emergency Management Program
Denver and Topeka, Colorado





SPECIAL THANKS AND ACKNOWLEDGEMENTS

Kingman County Hazard Mitigation Planning Committee

Kingman County		
County Commission	Earl Reno	Commissioner
County Commission	Carol Voran	Commissioner
County Appraiser	Deb Ziegler	Field Appraiser
Council on Aging	Judy Albright	Director
Economic Development Council	Jane Wallace	Executive Director
Emergency Management	Koren McCune	Former Emergency Manager
Kingman County Historical Society	Alice Geisert	Representative
Public Works Department	Charles Arsendorf	Director
Sheriff	Randy Hill	County Sheriff / Acting Emergency Manager
Participating Jurisdictions		
City of Cunningham	Dave Steffen	City Clerk
	Rick Oller	City Council
City of Kingman	Stan Hacker	City Commissioner
	Frank Soukup	City Manager
	John Braden	Chief of Police
	Tom Archer	City Planner and Inspector
	Ira Hart	Electric Utility Superintendent; EMS Director
	Dale Robinson	Public Works Superintendent
City of Nashville	Martin Lohrke	City Council, Asst. Fire Chief
City of Norwich	Chris Bartel	Norwich Fire Department
	Tab Turner	Norwich Fire Department
City of Penalosa	Ben Oak	City Council
City of Spivey	Chris Dick	Spivey Fire Department
	Bonnie Helm	Spivey City Council
City of Zenda	Jerry Vanlandingham	Mayor
Other Government and Stakeholder Representatives		
Carnegie Library	Don Hawkins	Representative
Kansas Forest Service	Jason Hartman	Fire Prevention Specialist
KHHD	Sam Graham	Retired
USD 332	Melvin Ormiston	Representative
Agricultural Extension Office	Kim Cerny	Representative
Ninnescah Valley Health Systems	Fred Vaughn	Hospital Safety Director
AMEC Earth and Environmental, Inc.		
Cynthia Popplewell, PE, CFM		
Greg Newton		



EXECUTIVE SUMMARY

The purpose of natural hazards mitigation is to reduce or eliminate long-term risk to people and property from natural hazards. Kingman County, Kansas, and participating jurisdictions developed this multi-hazard mitigation plan to reduce future losses to the County and its communities resulting from natural hazards. The plan was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 and to achieve eligibility for the Federal Emergency Management Agency (FEMA) Flood Mitigation Assistance, Pre-Disaster Mitigation, and Hazard Mitigation Grant Programs.

The Kingman County Multi-Hazard Mitigation Plan is a multi-jurisdictional plan that covers the following local governments that participated in the planning process:

- Kingman County
- City of Cunningham
- City of Kingman
- City of Nashville
- City of Norwich
- City of Penalosa
- City of Spivey
- City of Zenda

The County's planning process followed a methodology prescribed by FEMA, which began with the formation of a Hazard Mitigation Planning Committee (HMPC) comprised of key stakeholders from Kingman County, participating jurisdictions, and state and federal agencies. The HMPC conducted a risk assessment that identified and profiled hazards that pose a risk to Kingman County, assessed the County's vulnerability to these hazards, and examined the capabilities in place to mitigate them. The County is vulnerable to several hazards that are identified, profiled, and analyzed in this plan. Floods, wildfires, severe winter weather, and drought are among the hazards that can have a significant impact on the County.

Based upon the risk assessment, the HMPC identified goals and objectives for reducing risk from natural hazards. The goals and objectives of this multi-hazard mitigation plan are to

Goal 1: Improve the capabilities of Kingman County to mitigate hazards and reduce exposure to natural hazards

- Strengthen the existing flood mitigation program
- Improve quality and availability of hazard-related data and geographic information to better understand the vulnerability of existing and future development
- Improve and enhance emergency management capabilities

Goal 2: Prevent future hazard related losses of life and property

- Reduce the vulnerability of future development to natural hazards by minimizing growth in hazardous areas
- Protect critical facilities, utilities, and infrastructure

Goal 3: Promote effective training and educational opportunities for the citizens of Kingman County

- Promote awareness of hazards and vulnerability among citizens, business, industry, school systems, and government
- Provide information on hazard mitigation alternatives and their respective costs, benefits, and impacts
- Ensure that the information provided is accurate and consistent

Goal 4: Maintain/Provide for FEMA eligibility and work to position jurisdictions for grant funding

- Identify multiple objective opportunities that can be used to support mitigation activities
- Identify and analyze project cost share options

To meet identified goals and objectives, the plan recommends 20 regional and 27 community-specific mitigation actions, which are summarized in the table on the following page. The HMPC also developed an implementation plan for each action, which identifies the priority level, background information, ideas for implementation, responsible agency, timeline, cost estimate, potential funding sources, and more.

The multi-hazard mitigation plan has been formally adopted by the Kingman County Commissioners and the governing bodies of each participating jurisdiction and will be updated within a five-year time frame.

Mitigation Action Matrix

ID	Action	Priority	Goals Addressed	Hazards Addressed
Countywide-1	Educate public on prescribed burns.	High	3	Wildfire
Countywide-2	Provide and/or require tree trimming/maintenance training for local utilities.	High	3	Tornado, Severe Weather
Countywide-3	Investigate potential for reverse 911 system.	High	1	All Hazards
Countywide-4	Provide mobile generators for water/wastewater system operations.	High	1	All Hazards
Countywide-5	Identify potential additional water hydrant locations.	High	1	Wildfire
Countywide-6	Investigate necessary steps to standardize system of emergency communication between jurisdictions.	High	1	All Hazards
Countywide-7	Relocate Sheriff's Office	High	1	Flooding
Countywide-8	Educate the public on the National Flood Insurance Program (NFIP) and flood insurance.	Medium	3	Flooding, Dam/Levee Failure
Countywide-9	Continue tornado spotter training and consider CERT Training.	Medium	3	Tornado, Severe Weather
Countywide-10	Upgrade countywide warning system.	Medium	1	All Hazards
Countywide-11	Identify additional community shelters.	Medium	2	Tornado, Severe Weather
Countywide-12	Increase public and fire department training on wildland urban interface fires.	Medium	3	Wildfire
Countywide-13	Reduce hazardous fuels in prioritized wildfire risk areas.	Medium	1	Wildfire
Countywide-14	Provide homeowner education on wildfire mitigation in wildland-urban interface.	Medium	3	Wildfire
Countywide-15	Develop a countywide Animal Response Plan.	Medium	2	All Hazards
Countywide-16	Investigate and update existing roadway overtopping design standards.	Low	2	Flooding
Countywide-17	Coordinate with Red Cross/Salvation Army during extreme temperature events.	Low	2	Extreme Temperature
Countywide-18	Develop communication network for elderly and isolated population.	Low	1	All Hazards
Countywide-19	Educate townships on benefits of roadside spraying programs.	Low	3	Wildfire

ID	Action	Priority	Goals Addressed	Hazards Addressed
Countywide-20	Educate livestock owners on bio-security.	Low	3	Agricultural Infestation
Countywide-21	Request an update of the countywide flood insurance rate map (FIRM).	Low	1	Flooding, Dam/Levee Failure
Countywide-22	Apply annually for potentially available HMGP and FMA grants.	Low	4	All Hazards
Cunningham-1	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Cunningham-2	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Cunningham-3	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards
Kingman-1	Identify and develop potential evacuation and transportation routes for southern portion of the City of Kingman during flood events.	High	2	Flooding
Kingman-2	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Kingman-3	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Kingman-4	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards
Nashville-1	Update and improve fire protection capability of the City of Nashville.	High	1	Wildfire
Nashville-2	Provide storm sirens for the City of Nashville.	High	1, 2	Tornado, Severe Weather
Nashville-3	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Nashville-4	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Nashville-5	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards
Norwich-1	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Norwich-2	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Norwich-3	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards

ID	Action	Priority	Goals Addressed	Hazards Addressed
Penalosa-1	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Penalosa-2	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Penalosa-3	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards
Spivey-1	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Spivey-2	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Spivey-3	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards
Zenda-1	Provide storm sirens for the City of Zenda.	High	1, 2	Tornado, Severe Weather
Zenda-2	Assist the Study Contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs.	Medium	1	Flooding
Zenda-3	Strengthen floodplain regulations, as appropriate, following DFIRM development.	Medium	1	Flooding
Zenda-4	Participate in annual review of status of Hazard Mitigation Strategy and 5-year plan update.	Medium	4	All Hazards



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PREREQUISITES

44 CFR requirement 201.6(c)(5): The local hazard mitigation plan shall include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan. For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.

Note to Reviewers: When this plan has been reviewed and approved pending adoption by FEMA Region VII, the adoption resolutions will be signed by the participating jurisdictions and added to the Prerequisites section. A model resolution is provided on the following page.

The following jurisdictions participated in the development of this plan and have adopted the multi-jurisdictional plan. Resolutions of Adoptions are included in Appendix A.

- Kingman County
- City of Cunningham
- City of Kingman
- City of Nashville
- City of Norwich
- City of Penalosa
- City of Spivey
- City of Zenda

Model Resolution

Resolution # _____

Adopting the Kingman County Multi-Hazard Mitigation Plan

Whereas, the (Name of Government/District/Organization seeking FEMA approval of hazard mitigation plan) recognizes the threat that natural hazards pose to people and property within our community; and

Whereas, undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences; and

Whereas, the U.S. Congress passed the Disaster Mitigation Act of 2000 (“Disaster Mitigation Act”) emphasizing the need for pre-disaster mitigation of potential hazards;

Whereas, the Disaster Mitigation Act made available hazard mitigation grants to state and local governments;

Whereas, an adopted Multi-Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

Whereas, the (Name of Government/District/Organization) fully participated in the FEMA-prescribed mitigation planning process to prepare this Multi-Hazard Mitigation Plan; and

Whereas, the Kansas Division of Emergency Management and the Federal Emergency Management Agency Region VII officials have reviewed the “Kingman County Multi-Hazard Mitigation Plan,” and approved it contingent upon this official adoption of the participating governing body;

Whereas, the (Name of Government/District/Organization) desires to comply with the requirements of the Disaster Mitigation Act and to augment its emergency planning efforts by formally adopting the Kingman County Multi-Hazard Mitigation Plan;

Whereas, adoption by the governing body for the (Name of Government/District/Organization), demonstrates the jurisdictions’ commitment to fulfilling the mitigation goals and objectives outlined in this Multi-Hazard Mitigation Plan;

Whereas, adoption of this legitimizes the plan and authorizes responsible agencies to carry out their responsibilities under the plan.

Now, therefore, be it resolved, that the (Name of Government/District/Organization) adopts the “Kingman County Multi-Hazard Mitigation Plan” as an official plan; and

Be it further resolved, the (Name of Government/District/Organization) will submit this Adoption Resolution to the Kansas Division of Emergency Management and Federal Emergency Management Agency Region VII officials to enable the plan’s final approval.

Passed: _____

Certifying Official