

Dam Failure Measures												
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects	
Franklin Frankfort	High	a. Create or expand upon a unified countywide emergency notification strategy in the event of an emergency due to dam failure.	1.A.5	Easy	High	High	High	Continuous	County/City Emergency Management, 911	Low	Encourage the expansion and application of Mass Communication Services (i.e. Dam Specific). Continue support application for homeland security grant. Expand enrollment applicability/accessibility to community through the creation of an information campaign.	
		b. Devise a house identification system to expedite the arrival of emergency personnel in times of hazard.	3.A.2	Moderate	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place	
		c. Ensure proper signage near and on dams to inform residents about the dam.	1.A.1	Moderate	Med	High	Medium	Medium	High	Corps of Engineers, DOW, KRA, Private Dam Owners, KDFW	High	
		d. Continue to work with state officials to encourage the regular inspection of local dams and maintain older dams in order to ensure their safety and help prevent their failure.	7.A.1									
		e. Encourage and promote debris removal in local rivers, creeks, and streams.	2.B.1	Easy	High	High	High	High	Continuous	Division of Water, EMA	Low	
		f. Continue to educate the public about the location and nature of local dams and inform private entities of the need to perform inspection and maintenance on private dams.	5.A.1	Easy	Med	Med	Medium	Continuous	High	Emergency Management, Residents, Solid Waste, DOW, USDA, KRA	High	Cedar Run Branch, Kentucky River, Eikhorn Creek
		g. Encourage the creation of solutions, structural, financial, technical, or otherwise, to decrease the potential for a disaster with respect to dams in the area that have the likelihood of failing.	2.A.1	Moderate	Med	High	Medium	Continuous	Medium	City/County, DOW, KRA, KU	Medium	Public Service campaign to educate citizenry about Dix Dam
				Difficult	High	High	Medium	Long	High	Corps of Engineers, City/County, Division of Water, Frankfort Electric Water Plant Board, KU	High	Seek funding solutions to ensure the security of Dix Dam

Drought Failure Measures

County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin	Medium	a. Map and identify areas that do not have access to county/city water	1.A.5	Moderate	High	High	High	Continuous	Bluegrass ADD, Local Water Utilities, County, P&Z	High	Continue collaborative efforts with the Bluegrass ADD
		b. Set up procedure for getting water to residents without county/city water in times of drought	1.C.3	Difficult	Medium	Medium	Low	Continuous	Local Water Utility, EMA	High	
Frankfort	Medium	c. Devise house identification system to expedite the arrival of emergency personnel in times of hazard	3.A.2	Moderate	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place
		d. Ensure the county and its municipalities have in place, a necessary backup water supply in the event of a moderate to severe drought.	1.A.5	Moderate	High	High	High	Medium	City/County, Local Water Utility	High	Seek funding for solutions to i64 pipeline issue and continue to collaboratively with KY American
		e. Ensure water pump stations are in place and are in proper working order at the county and city's water supply points. Also encourage the installation of backup pump stations in the jurisdiction.	3.A.3	Difficult	Medium	High	High	Medium	Continuous	Division of Water, Local Water Utility	High
		f. Encourage cooperative efforts with other counties and cities in terms of finding solutions to areas water supply needs to benefit the County and all of Central Kentucky.	7.A.1	Easy	Low	Medium	Medium	Continuous	Bluegrass ADD, Division of Water, Local Water Utility, KRA, City of Louisville	High	Seek funding for solutions to i64 pipeline issue and continue to collaboratively with KY American
		g. Develop and implement a plan that would educate and inform local citizenry of the dangers of droughts.	1.A.1	Easy	Low	Medium	Low	Long	City/County, Local Water Utility, Local Media-Cable 10, Health Dept.,	Low	

Earthquake Measures											
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin Frankfort	LOW	a. Devise house identification system to expedite the arrival of emergency personnel in times of hazard.	3.A.2	Moderate	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place
		b. Continue/Develop a public information campaign (through the printing of brochures, pamphlets, or booklets) to educate the public about earthquakes in the county, informing them of the dangers and risks associated with earthquakes.	1.A.1	Moderate	Medium	Medium	Medium	Continuous	City/County, EMA, KYEM, School District, Local Media	High	Continue to support current efforts and secure additional grant funding opportunities
		c. Identify critical infrastructure that would be vulnerable in the event of an earthquake.	2.D.1	Difficult	High	High	High	Continuous	City/County Engineers, Utility Companies, DOT, EMA, KRA, Red Cross	High	Seek financial support for mapping of utility services
		d. Enact legislation forcing new construction projects to adhere to guidelines that will make new structures safer in the event of an earthquake.	4.A.1, 4.A.2	Difficult	Low	High	Low	Long	City/County, HBC, Building Inspector, Fire Marshal,	Low	
		e. Encourage citizens to, when remodeling an existing structure, adhere to guidelines that will make these structures safer in the event of an earthquake.	4.A.1	Difficult	Low	High	Low	Long	City/County, HBC, Building Inspector, Fire Marshal,	Low	
		f. Implementation and inspection of safety standards in all schools and other public buildings.	4.C.1	Moderate	High	High	High	Short	City/County, School District, Fire Marshal, EMA,	Medium	Continue to support current efforts and secure additional grant funding opportunities
		g. Implementation of retrofit safety standards of current structures prone to earthquake damage.	4.C.1	Difficult	Low	High	High	Long	City/County, HBC, Building Inspector, Fire Marshal,	Low	

Flood Measures											
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin Frankfort	Medium	a. Devise a house identification system to expedite the arrival of emergency personnel in times of hazard	3.A.2	Moderate	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place
		b. Promote the comprehensive updating of Flood Insurance Rate Maps (FIRM) floodplain maps throughout the County.	4.D.1	Moderate	Medium	High	High	Continuous	FEMA, DOW, Planning and Zoning, City/County	Low	Seek funding to improve mapping for following locations: Cedar Run Branch, Slickaway Branch, Elkhorn Creeks, Benson Creeks
		c. Continue looking at the possibility of a flood control project in the City or County	2.A.1	Moderate	Medium	High	Medium	Continuous	FEMA, DOW, Planning and Zoning, City/County	Low	Seek funding for backup pumps, homes street drainage projects, maintenance of current infrastructure
		d. Encourage the improvement of drainage and retention areas in both city and county.	2.B.2	Moderate	Medium	High	Medium	Continuous	City/County, P&Z, Public Works, Road Dept, DOW, DOT	HIGH	regional basin on 421, Detention basins at I64 interchange, 127S and 676, Indian Hills, Storm water management study
		e. Continue to monitor conditions in order to ensure that culverts throughout the county are free of debris or other restrictions that restrict flow.	3.B.1	Easy	Medium	Medium	Medium	Continuous	City/County, Street & Road, DOT, FE/WPB	Medium	Continue to monitor Hudson Hollow Inlet and seek funds to mitigate hazard (i.e. manpower/equipment)
		f. Establish a vegetative management program in non-vegetative areas along waterways.	2.A.1	Moderate	High	Medium	Medium	Continuous	DOW, City/County, DOT, Volunteers (Reforest Frankfort)	Medium	
		g. Monitor erosion problems and actively pursue a project to maintain the creek banks.	2.A.1	Moderate	Medium	Medium	Medium	Continuous	DOW, City/County, Dept. Agr. KDFW, Corps of Eng., KRA	Low	Seek funding to study possible mitigate strategies for Cedar Run Branch, KY Ave., Big Eddy, Glens Creek, Kentucky River
		h. Develop and implement a localized evacuation planning and management program to ensure that County residents can safely seek higher ground in the case of flash flooding.	5.B.1	Difficult	High	High	High	Continuous	EMA, Fire, Police, P&Z, USGS, DOW, DOT	High	Continue support utilize and updates mass notification system, Flood inundation mapping project
		i. Seek funding to acquire homes in identified flood-prone areas of the county.	2.B.1	Difficult	Moderate	High	High	Continuous	FEMA, City/County Govt/KYEM, Local EMA	High	Focus efforts on homes in following areas: Cedar Run Branch, Kentucky River, Elkhorn Creek, Crab Orchard

Flood Measures

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Franklin Frankfort	Medium	j. Identify the county and city's most at-risk critical facilities and evaluate the potential mitigation techniques for protecting each facility to the maximum extent feasible.	3.A.1	Moderate	Low	High	High	Continuous	City/County, EMA	Medium	Sewer Plant, Kentucky Avenue Access, Humane Society
		k. Stormwater sewer and storm drain survey to determine future needs and upgrades. Then upgrade of storm sewer and storm drainage system.	2.A.1	Moderate	Medium	High	Medium	Continuous	DOW, Public Works, City/County Gov't, County P&Z, Sewer Dept.	High	Update City Storm water master plan and creation of county master plan...contd mapping of infrastructure. CIP prioritization
		l. Continue to encourage the placement, the use of, and purchase of flood gauges for the city/county's waterways.	6.B.1	Moderate	Medium	High	Medium	Continuous	City/County, EMA, USGS, KRA, NWS	High	Add staff gauges.
		m. Establish and/or enforce county and city ordinance that restrict the construction of homes and businesses in the floodplain.	4.A.1	Easy	Medium	High	High	Continuous	Planning and Zoning, Building Inspectors, DOW	Medium	
		n. Develop an information strategy to educate the public about the flood-prone areas in the County, informing them of the regulation in place related to flooding and the importance of constructing homes and other facilities in the floodplain.	1.A.1	Moderate	Medium	Medium	High	Continuous	City/County, P&Z, EMA,	High	Public Service Announcements, publications, website, Social Media

Karst Measures											
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin Frankfort	High	a. Fence in areas of water and wastewater plants that are located near sinkholes	2.B.1	Easy	Medium	High	Medium	Continuous	Sewer Dept, FEWPB, City/County	High	
		b. Devise house identification system to expedite the arrival of emergency personnel in times of hazard	3.A.2						Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place
		c. Begin/Continue to educate the public about the dangers of sinkholes and the problems associated with constructing homes and businesses on unstable land and sinkhole-prone areas.		Moderate	High	High	High	Continuous			
		d. Continue the cooperative effort between the Bluegrass ADD GIS Department Kentucky Geological Society, and the county in order to adequately map all the sinkhole-prone areas in the county.	1.A.1	Moderate	Low	Medium	Medium	Continuous	Bluegrass ADD, City/County, P&Z	Medium	Update GIS mapping data
		e. Establish a sinkhole ordinance in the county to restrict construction in sinkhole-prone areas.	7.A.1	Moderate	Medium	High	High	Continuous	Bluegrass ADD, City/County, Kentucky Geological Society, GIS Dept.	High	Update GIS mapping data
			4.C.1	Moderate	Medium	High	High	Continuous	Bluegrass ADD, City/County, Kentucky Geological Society, P&Z	Low	

Landslides Measures											
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin Frankfort	Low	a. Ensure that county roadwork crews have the necessary personnel and equipment to respond to county landslides on roadways.	3.C.1	Moderate	Medium	Medium	Medium	Continuous	City/County, Road Crews, DOT.	High	Seek funding to upgrade and/or acquire heavy equipment (earth moving equipment)
		b. Begin/continue to educate the public through an information campaign about the dangers of unstable land and constructing homes and businesses on landslide-prone areas.	1.A.1	Easy	Low	Medium	Low	Long	City/County, EMA, P&Z, Building Codes	Medium	Seek funding to hire consultant to conduct steep slope inventory
		c. Continue to ensure areas susceptible to landslides/rock slides in the city and county are properly maintained in order to prevent loss of life and property in the event of a landslide.	2.A.1	Moderate	Moderate	High	Medium	Continuous	City/County, Road Crews, DOT.	Medium	Seek funding to hire consultant to conduct steep slope inventory. Seek mitigation funding for following areas Big Eddy Road, Old Lawrenceburg Rd., Taylor Ave., KY Ave., Flat Creek.
		d. Encourage the proper management of timbered areas throughout the county in order to prevent the improper deforestation of these lands, which leads to topsoil erosion and land sliding.	2.B.2	Moderate	Medium	High	Medium	Continuous	Conservation District, NRCS, Div. of Forestry, DOT, Property Owners, Envision Frankfort/Franklin Co., Fish & Wildlife	Medium	Seek funding for consultant to study timbered areas
		e. Seek funding and develop strategies to address landslides that affect county roads.	2.B.2	Moderate	High	Medium	High	Continuous	Bluegrass ADD, City/County, Road Super, DOT District-5	High	Acquire a consultant to study landslide prone areas
		f. Seek funding to repair, replace or relocate structures affected by landslides	2.B.2	Difficult	High	Medium	Medium	Continuous	Bluegrass ADD, City/County, FEMA, Kentucky Housing Corp.,	High	Efforts should be focused on but not limited to the following areas: Old Lawrenceburg Rd., Big Eddy Rd., Paul Sawyer Dr., Glenns Creek

Severe Storm/Tornado Measures												
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects	
Franklin Frankfort	Medium	a. Placement of alert radios in schools, nursing homes, hospitals	1.A.2	Easy	High	High	High	Continuous	EMA, School District, Nursing Homes, Hospital	Medium		
		b. Placement of alert radios in county resident homes	1.A.2	Medium	High	High	High	Continuous	EMA, City/County, Residents	High	Seek grant funding for additional radios	
		c. Devise house identification system to expedite the arrival of emergency personnel in times of hazard	3.A.2	Moderate	High	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place
		d. Develop an information campaign to inform the public about what to do in the event of a tornado (e.g. go to the lowest level or center room in your home, leave all mobile homes, etc.)	1.A.1	Easy	High	High	High	High	Continuous	Emergency Management, City/County, Local Media, School District, NWS, Health Dept., State Govt	Medium	Seek funds for advertising campaign.
		e. Ensure that the Emergency Operations Center is adequately staffed and that personnel can respond after a tornado or other severe storm in the County in order to carry out proper response actions as outlined in the County Emergency Operations Plan.	3.C.1	Moderate	Medium	High	High	High	Continuous	Emergency Management, City/County, EPRAG	Medium	Seek funding for hardware/software, critical infrastructure updates
		f. Evaluate the number of designated recovery shelters throughout the county in order to serve the public in the aftermath of a tornado or severe storm.	1.A.4	Moderate	High	High	High	High	Continuous	City/County, Emergency Management, Health Dept., Red Cross, Local Churches	Medium	Evaluate the feasibility of utilizing the Civic Center as a recovery shelter.
		g. Evaluate the comprehensive storm siren plan for the County and ensure all are in proper working order. Seek funds for the installation of new storm sirens in the city/villages.	1.A.2	Difficult	High	Medium	High	High	Continuous	Emergency Management, City/County, 911	High	Expand/maintain coverage areas/seek funding for an ad campaign about outdoor warning sirens
		h. Continue the progress of the early warning notification system such as Mass Notification or other telecommunications system, in order to give residents an even earlier warning or approaching dangerous storms. Look at other technology	1.A.2	Moderate	High	High	High	High	Continuous	City/County, Emergency Management, 911	Medium	Upgrade software/hardware. Seek funding for an education campaign for enrollment opportunities in mass communication notification.

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Franklin Frankfort	Medium	h. Encourage builders to utilize truss straps and other construction techniques that would presumably lessen the amount of destruction and flying debris in the event of a tornado or high winds.	4.C.1	Easy	Medium	High	High	Continuous	City/County, Emergency Management, Building Inspector	Low		
		i. Develop ordinance to require tornado shelters for new mobile home concentrations	4.C.1	Difficult	Medium	High	High	Short	City/County, Bluegrass ADD, P&Z, EMA, Homeland Security, FEMA, HBC	Medium		
		j. Establish potential recovery shelters to mitigate loss of life and injury post-hazard	1.A.4	Difficult	High	Medium	High	High	Continuous	City/County, Emergency Management, Health Dept., Red Cross, Local Churches, State	High	Evaluate the feasibility of utilizing the Civic Center as a recovery shelter; Acquire generator
		k. Seek a solution to the problem lack of radio signal(s) throughout the county in order to ensure that emergency response and recovery personnel are able to communicate with each other in the event in a tornado or other severe storm.	1.A.2	Moderate	Low	High	High	High	Continuous	Emergency Management, City/County, e911, EPRAG	High	Update and upgrade radio equipment and continue maintenance.
		l. Advertise the availability, proximity, and routes to tornado shelters throughout the county. Evaluate the number of shelters currently in place and look at establishing more throughout the County. Ensure that shelters will be open to the public when	1.A.1	Difficult	High	High	High	Continuous	City/County, Emergency Management, Health Dept., Red Cross, e911	High	Seek funding to create shelters/ feasibility study of locations	

Wildfire Measures											
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin Frankfort	Low	a. Encourage that city and county fire departments have the necessary personnel and resources available to them in order to respond to grass and other wildfires throughout the county.	3.A.2, 3.C.1	Moderate	High	High	High	Continuous	City/County Fire, KY Army National Guard, Division of Forestry,	High	Seek funding to study hydrant system (fire sizes & volume of water available). Update and upgrade equipment
		b. Make an effort to ensure that more rural parts of the county have adequate water supplies in order to fight grass and other wildfires.	1.A.1	Difficult	Medium	Low	Medium	Continuous	Division of Water, Local Water Utility, Water District, Fire Dept., Bluegrass ADD	High	Seek funding to study infrastructure needs/improvements
		c. Continue the education about controlled burnings and encourage county residents to notify officials in the event of controlled burnings.	1.A.1	Easy	Medium	Medium	Medium	Continuous	City/County, Fire, EMS	Low	Seek funding for media campaign
		d. Ensure the identification of county and city locations through the Geographic Information System (GIS).	6.A.1	Moderate	Medium	Medium	Medium	Continuous	Bluegrass ADD, City/County, P&Z, 6911, FEWPB	High	Update & upgrade software, funding for field GPS, Aerials, Tech support.
		e. Continue to encourage local government officials to establish a "No Burn" ordinance.	4.C.1	Moderate	High	Medium	High	Continuous	City/County, Fire, Division of Forestry	Low	
		f. Encourage applying for the Kentucky Firewise Mitigation Grant, which enables local units of government and their agencies to obtain funds to study the problem of wildfires and carry out projects that mitigate against wildfires.	7.A.1	Easy	Medium	High	High	Continuous	Bluegrass ADD, City/County, Fire, Community Development	Medium	Begin applying for funding focusing on Northern Areas of County.
		g. Establish better lines of communication between and among state officials with respect to wildfires. Encourage more cooperation from the state as well as a quicker and more adequate response in the event of a wildfire in the county.	7.A.1	Easy	High	High	High	Continuous	City/County, Fire, Division of Forestry, EMA	Low	
		h. Establish a county official, such as fire warden, to ensure city/county burn codes and laws are enforced.	7.B.1	Easy	High	High	High	Continuous	City/County, Fire	Low	

Winter Storm Measures											
County	Risk to Life Property, Crops	Measures	Action ID	Ease of Implementation	Community Support	Cost Benefit	Overall Priority	Timeline	Community Partners	Cost	Specific Projects
Franklin Frankfort	High	a. Encourage better trimming of right of way	4.C.1	Moderate	Low	High	Medium	Continuous	City/County, Utility Provider, Road Dept, DOT	High	Seek funding for removal equipment
		b. Devise house identification system to expedite the arrival of emergency personnel in times of hazard	3.A.2	Moderate	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Sheriff, Local Utilities, 911	Medium	Update and support Ordinance in Place
		c. Continue and/or develop a public information campaign (through the printing of brochures, pamphlets, or booklets) in the County, informing them of the dangers and risks associated with severe winter storms.	1.A.1	Moderate	Low	Medium	Medium	Continuous	City/County, Local Media, EMA, FEWPB, KU, Health Dept.	Medium	Alternative heating sources
		d. Encourage the burying of residential utility service(s).	4.C.1	Moderate	Medium	High	High	Continuous	Local Utility Provider, City/County, P&Z, Developer	High	Identify location and capability of shelters in the community; continue to provide support for social service agencies
		e. Plan to identify a way to assist special needs populations during winter storm events	2.A.1	Difficult	High	High	High	Continuous	Bluegrass ADD, Emergency Management, City/County, Fire, Police, Health Dept, Regional Hospital, Hospice, Social Service Agencies, Red Cross	High	Maintain and upgrade equipment
		f. Seek funding to equip emergency response personnel to keep critical transportation routes passable.	2.B.1	Difficult	Medium	Medium	High	Continuous	Emergency Management, City/County, Road Dept, DOT, Fire	High	Acquire vehicles and equipment for snow/ice removal.
		g. Acquire vehicle to be used for road clearing and maintenance during winter storms to mitigate number of accidents and injuries on roadways	2.B.1	Difficult	Medium	Medium	Medium	Continuous	Road Dept, DOT, City/County	High	