

HAZARD RANKS BY AREA DEVELOPMENT DISTRICT (ADD)

Appendix 4-8

Standard Portion: Mitigation Strategy

Commonwealth of Kentucky Enhanced Hazard Mitigation Plan: 2013 Version

Kentucky Emergency Management (KYEM)

University of Kentucky, Martin School of Public Policy and Administration

Hazard Mitigation Grants Program (UK-HMGP)

To be used to aid in the prioritization of mitigation actions: Each multi-jurisdictional hazard mitigation plan ranks its hazards. It is inferred that higher ranking hazards are correlated with stronger demand and need for mitigation actions to address those hazards as a priority over those mitigation actions that address lesser-ranked hazards. This table recognizes the tendency for multi-jurisdictional hazard mitigation plans generally to rank its hazards into three (3) categories: High, Medium/Moderate, and Low. However, such titular categories are not universal: Some multi-jurisdictional plans only isolate its “high-risk” hazards.

Some plans use three categories, but label them “Severe,” “High,” and “Medium” in risk. One plan uses four “ranks” for its hazards. Some plans do not explicitly rank their hazards at all; ranking is inferred. In such cases, the changes have been noted in a column labeled “Notes.” However, even if labeled differently, e.g. Severe, High, and Medium, the tri-category differentiation is maintained here: The words “high,” “medium,” and “low” have no value judgment implicit. Rather, the cardinality of the distinction matters primarily here. There is no difference between “severe” and “high” so long as “severe” is the “highest-ranking” hazard type of a tri-category differentiation.

<i>Area Development District</i>	<i>High-Risk</i>	<i>Medium/Moderate-Risk</i>	<i>Low-Risk</i>	<i>Notes</i>
Bluegrass	<ul style="list-style-type: none"> • Flooding • Severe Storms¹ • Droughts/Extreme Heat • Winter Storms 	<ul style="list-style-type: none"> • Dam/Levee Failure • Karst/Sinkholes • Tornadoes 	<ul style="list-style-type: none"> • Earthquakes • Landslides • Wildfires 	
Barren River	<ul style="list-style-type: none"> • Tornadoes 	<ul style="list-style-type: none"> • Droughts • Earthquakes • Extreme Temperatures • Karst/Sinkholes • Winter Storms 	<ul style="list-style-type: none"> • Dam Failure • Flooding • Landslides • Severe Storms 	Categories Here Are: "Severe-," "High-," and "Moderate-Risk"
Big Sandy	<ul style="list-style-type: none"> • Flooding • Karst/Sinkholes • Landslides • Rock Falls • Severe Storms • Subsidence (Mine) 	<ul style="list-style-type: none"> • Dam/Levee Failure • Wildfires 	<ul style="list-style-type: none"> • Drought/Extreme Heat • Earthquakes • Hurricanes 	
Buffalo Trace	<ul style="list-style-type: none"> • Flooding • Severe Storms • Winter Storms 	N/A	<ul style="list-style-type: none"> • Landslides • Tornadoes 	Did Not Rank Hazards in Local Plan; Hazard Rankings Inferred Contextually
Cumberland Valley	<ul style="list-style-type: none"> • Flooding 	<ul style="list-style-type: none"> • Landslides • Severe Storms • Tornadoes • Winter Storms 	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat • Earthquakes • Wildfires 	Used Four "Ranks": "Very High-," "High-," "Moderate-," "Low-Risk" "High-" and "Moderate-Risks" Combined Here

¹ "Severe Storms," unless otherwise noted, is a combination of "High/Severe Wind," "Hailstorm," and "Thunderstorm/Lightning"

<i>Area Development District</i>	<i>High-Risk</i>	<i>Medium/Moderate-Risk</i>	<i>Low-Risk</i>	<i>Notes</i>
FIVCO (Five Counties)	<ul style="list-style-type: none"> • Flooding • Wildfires • Winter Storms 	N/A	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat • Earthquakes • Landslides • Severe Storms • Tornadoes 	Only ranks "High-Risk" Hazards
Green River	<ul style="list-style-type: none"> • Earthquakes • Flooding • Thunderstorms/Severe Wind • Tornadoes 	<ul style="list-style-type: none"> • Drought/Extreme Heat • Subsidence (Land) • Winter Storms 	<ul style="list-style-type: none"> • Dam/Levee Failure • Landslides 	
Gateway	<ul style="list-style-type: none"> • Flooding • Karst/Sinkholes • Winter Storms 	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat • Severe Storms • Tornadoes • Wildfires 	<ul style="list-style-type: none"> • Earthquakes • Landslides • Subsidence (Land) 	
KIPDA (Kentuckiana Planning & Development Agency)	<ul style="list-style-type: none"> • Dam/Levee Failure • Flooding • Severe Storms • Tornadoes • Winter Storms 	<ul style="list-style-type: none"> • Hail • Karst/Sinkholes 	<ul style="list-style-type: none"> • Drought/Extreme Heat • Earthquakes • Landslides • Wildfires 	Categories Here Are: "Severe-," "High-," "Moderate-Risk" "Severe Storms" Excluded "Hail"
Kentucky River	<ul style="list-style-type: none"> • Flooding • Severe Storms • Tornadoes • Winter Storms 	N/A	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat • Earthquakes • Hurricanes • Landslides • Tsunamis • Volcanoes • Wildfires 	Only Ranked "High-" and "Low-Risk" Hazards

<i>Area Development District</i>	<i>High-Risk</i>	<i>Medium/Moderate-Risk</i>	<i>Low-Risk</i>	<i>Notes</i>
Lake Cumberland	<ul style="list-style-type: none"> • Dam/Levee Failure • Severe Storms • Tornadoes 	<ul style="list-style-type: none"> • Drought/Extreme Heat • Earthquakes • Flooding • Hazardous Materials • Landslides • Severe Storms • Wildfires 	<ul style="list-style-type: none"> • Expansive Soil • Subsidence (Land) 	
Lincoln Trail	<ul style="list-style-type: none"> • Flooding • Severe Storms • Winter Storms 	<ul style="list-style-type: none"> • Tornadoes • Snow and Ice 	N/A	Specified only "High-" and "Moderate-Risk" Hazards
Northern Kentucky	<ul style="list-style-type: none"> • Flooding • Winter Storms 	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat • Earthquakes • Landslides • Severe Storms • Tornadoes 	N/A	Specified only "High-" and "Moderate-Risk" Hazards
(Jackson) Purchase	<ul style="list-style-type: none"> • Flooding • Earthquakes • Severe Storms • Tornadoes • Winter Storms 	<ul style="list-style-type: none"> • Hail 	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat • Erosion • Landslide 	"Severe Storms" Excluded "Hail" Here Also included "Erosion" and "Deposition" as "Low-Ranked" Hazards
Pennyrile	<ul style="list-style-type: none"> • Flooding • Severe Storms • Tornadoes 	<ul style="list-style-type: none"> • Earthquakes • Winter Storms 	<ul style="list-style-type: none"> • Dam/Levee Failure • Drought/Extreme Heat 	