

Hazard Ranking Exercise (Handout #2)

Gallatin County Hazard Mitigation Plan Update (2018)

Hazard Ranking (Probability of Occurrence and Impacts) and Overall Risk Assessment

HAZARD	PROBABILITY of OCCURRENCE (PO) Probability Rating		IMPACTS									TOTAL RISK (Probability X Total Impact)	
			Population			Property			Economy				TOTAL
			Impact Level (low, med., high)	Numeric Value (1 – 3)	Apply Weighting Factor	Impact Level (low, med., high)	Numeric Value (1 – 3)	Apply Weighting Factor	Impact Level (low, med., high)	Numeric Value (1 – 3)	Apply Weighting Factor		(Pop + Prop + Economy)
Avalanche and Landslide					x 3 = ____			x 2 = ____			x 1 = ____		
Aviation Accident					x 3 = ____			x 2 = ____			x 1 = ____		
Civil Unrest and Violence					x 3 = ____			x 2 = ____			x 1 = ____		
Communicable Disease and Bioterrorism					x 3 = ____			x 2 = ____			x 1 = ____		
Dam Failure					x 3 = ____			x 2 = ____			x 1 = ____		
Drought					x 3 = ____			x 2 = ____			x 1 = ____		
Earthquake					x 3 = ____			x 2 = ____			x 1 = ____		
Flooding					x 3 = ____			x 2 = ____			x 1 = ____		
Ground Transportation Accident					x 3 = ____			x 2 = ____			x 1 = ____		
Hazardous Materials Release					x 3 = ____			x 2 = ____			x 1 = ____		

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Railroad Accident					x 3 = ____			x 2 = ____			x 1 = ____		
Severe Thunderstorms, Wind & Tornadoes					x 3 = ____			x 2 = ____			x 1 = ____		
Terrorism					x 3 = ____			x 2 = ____			x 1 = ____		
Urban Conflagration					x 3 = ____			x 2 = ____			x 1 = ____		
Utility Outage					x 3 = ____			x 2 = ____			x 1 = ____		
Volcano					x 3 = ____			x 2 = ____			x 1 = ____		
Wildfire					x 3 = ____			x 2 = ____			x 1 = ____		
Winter Storms and Extended Cold					x 3 = ____			x 2 = ____			x 1 = ____		
					x 3 = ____			x 2 = ____			x 1 = ____		
					x 3 = ____			x 2 = ____			x 1 = ____		
					x 3 = ____			x 2 = ____			x 1 = ____		