

## HAZARD VULNERABILITY AND RISK ASSESSMENT TOOL

### COMMUNITY HAZARD EVENTS

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE – MITIGATION)						ADJUSTED RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	LOCAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Economic Impact</i>	<i>Planning &amp; Exercising</i>	<i>Time, effectiveness, resources</i>	<i>Federal/State staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Weather	3	3	3	2	2	2	2	88%
Structural Fire	3	3	3	2	1	1	2	75%
Hazmat	3	3	2	2	1	1	2	69%
Terrorism	2	3	3	3	2	2	1	58%
Wildfire	3	2	3	1	1	1	1	56%
Flood	2	2	3	2	2	2	2	54%
Drought	2	0	0	2	3	3	3	46%
Health	2	3	0	2	2	2	2	46%
Utility Failure	2	1	1	2	2	2	2	42%
Transportation	2	3	1	1	1	1	2	38%
Nuclear War	1	3	3	3	3	3	2	35%
Dam Failure	1	3	3	3	2	3	2	33%
Earthquake >7	1	3	3	3	2	2	2	31%
Landslide	1	2	2	1	2	1	3	23%
Volcano	1	1	1	1	3	2	2	21%
Mormon Crickets	1	0	0	1	3	2	2	17%
AVERAGE SCORE	1.88	2.19	1.94	1.94	2.00	1.88	2.00	41%

\*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY		
0.41	0.63	0.66