

Table 1: Modified Calculated Priority Risk Index

0.45 Probability		0.3 Magnitude/Severity		0.15 Warning Time	0.1 Duration
4: Highly Likely		4: Catastrophic		4: Minimal	4: Prolonged
1. Event is probable within the calendar year. 2. Event has up to 1 in 1 year chance of occurring (1/1 = 100%) 3. Chance of event is great than 33% likely per year. 4. Event is highly unlikely to occur.		1. Local jurisdiction is overwhelmed and unable to effectively respond to hazard. Local resources are inadequate or non-existent. Complete loss of communications. Massive regional, state, EMAC and federal response is required. Federal Disaster Declaration. 2. Local and regional medical services are unable to manage the volume of injuries and fatalities. Mass evacuation, sheltering, and care of displaced residents, medical patients, high risk and vulnerable populations are required. 3. Loss of public utilities, government and essential services for more than 1 month. Widespread destruction of critical infrastructure, public and private property. More than 50% of critical and non-critical facilities and infrastructure damaged or destroyed. Extended emergency response operations lasting more than 1 month may be required.		No notice up to 6 Hours	More than 1 Week
3: Likely		3: Critical		3: Marginal	3: Extended
1. Event is probable within the next three years. 2. Event has up to 1 in 3 year chance of occurring (1/3 =33%) 3. Chance of event is great than 20% but less than or to 33% per year. 4. Event is "likely" to occur		1. Local jurisdiction is unable to effectively respond without District level mutual aid support and significant state assistance. Local resources have been expended and local agencies have reached the limits of their capabilities. Communications seriously degraded with significant impact on operations. State disaster declaration. 2. Local medical services are unable to manage the number of injuries and fatalities. Patients require transportation to regional medical facilities outside of the affected areas. Local area evacuations, sheltering, and care of displaced residents, medical patients, high risk and vulnerable populations are required. 3. Loss of public utilities, government and essential services for up to 1 month. Significant damage to critical infrastructure, public and private property over a large area. Up to 50% of critical and non-critical facilities and infrastructure damaged. Emergency response operations lasting up to 1 month may be required.		6 to 12 Hours	Up to 1 Week
2: Possible		2: Moderate		2: Limited	2: Intermediate
1. Event is probable within the next five years. 2. Event has up to 1 in 5 years chance of occurring (1/5 = 20%) 3. Chance of even is greater than 10% but less than or equal to 20% per year. 4. Event could "possibly" to occur.		1. Local jurisdiction is able to effectively respond with significant inter-local mutual aid support and limited state assistance. Local and mutual aid resources are adequate to support response. Communications systems operating near capacity. Local medical services are able to manage volume of injuries and fatalities but are near the limits of their capabilities. Only critically injured patients are diverted to facilities outside of the affected areas. Limited evacuations and sheltering required. 2. Loss of public utilities, government and essential services for up to 1 week. Significant damage to critical infrastructure, public and private property over a localized area. Up to 25% of critical and non-critical facilities and infrastructure damaged. Response operations lasting up to 1 week may be required.		12 to 24 Hours	Up to 1 Day
1: Unlikely		1: Negligible		1: Optimal	1: Brief
1. Event is probable within the next 10 years. 2. Event has up to 1 in 10 years chance of occurring (1/10 = 10%) 3. Chance of event is "unlikely" to occur.		1. Local jurisdiction is able to manage incident with standard mutual aid and little or no state assistance. Local resources are adequate to support response. Communications system operating normally. Local emergency. Local medical services are able to manage number of injuries and fatalities with on hand personnel and resources. 3. Loss of public utilities, government and essential services for up to 24 hours. Damage contained to a single incident scene and immediate area. Up to 5% of critical and non-critical facilities and infrastructure damaged. 4. Response operations lasting up to 72 hours may be required		24+ Hours	Up to 6 Hours