

### CALCULATED PRIORITY RISK INDEX

CPRI Category	Degree of Risk			Assigned Weighting Factor
	Level ID	Description	Index Value	
<b>Probability</b>	Unlikely	Rare with no documented history of occurrences of events.	1	30%
		Annual probability of less than 0.01.		
	Possibly	Infrequent occurrences with at least one documented or anecdotal historic event.	2	
		Annual probability that is between 0.1 and 0.01		
	Likely	Frequent occurrences with at least two or more documented historic events	3	
Annual probability that is between 1 and 0.1				
Highly Likely	Common events with a well documented history of occurrence.	4		
<b>Magnitude/ Severity</b>	Negligible	Negligible property damages (less than 5% of critical and non-critical facilities and infrastructure).	1	25%
		Injuries or illnesses are treatable with first aid and there are no deaths.		
		Negligible quality of life lost.		
		Shut down of critical facilities for less than 24 hours.		
	Limited	Slight property damages (greater than 5% and less than 25% of critical and non-critical facilities and infrastructure).	2	
		Injuries or illnesses do not result in permanent disability and there are no deaths.		
		Moderate quality of life lost		
		Shut down of critical facilities for more than 1 day and less than 1 week.		
	Critical	Moderate property damages (greater than 25% and less than 50% of critical and non-critical facilities and infrastructure).	3	
		Injuries or illnesses result in permanent disability and at least one death.		
		Shut down of critical facilities for more than 1 week and less than 1 month		
	Catastrophic	Severe property damages (greater than 50% of critical and non-critical facilities an infrastructure).	4	
		Injuries or illnesses result in permanent disability and multiple deaths.		
Shut down of critical facilities for more than 1 month.				
<b>Economic Impact</b>	Negligible	Little to no annual economic impact.	1	20%
	Limited	<\$1 million annual economic impact.	2	
	Critical	<\$1 billion but >\$1 million in annual economic impact.	3	
	Catastrophic	>\$1 billion annual economic impact.	4	
<b>Warning Time</b>	Less than 6 hours	Self-explanatory.	4	15%
	6 to 12 hours	Self-explanatory.	3	
	12 to 24 hours	Self-explanatory.	2	
	More than 24 hours	Self-explanatory.	1	
<b>Duration</b>	Less than 6 hours	Self-explanatory.	4	10%
	Less than 24 hours	Self-explanatory.	3	
	Less than one week	Self-explanatory.	2	
	More than one week	Self-explanatory.	1	