

Hazard Analysis

In addition to using the data sources listed in the CMP Template Before Section, planning teams should develop a master list of all threats and hazards, assess the likelihood of occurrence, and plan a site-specific mitigation strategy. School safety teams should err on the side of caution in evaluating risks and identifying vulnerabilities so that plans are developed for the worst possible outcome and can be scaled back as needed.

Hazard	Probability	Magnitude	Warning	Duration	Risk Priority
Extreme Heat/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Drought	3. Likely	3. Critical	3. 6-12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Flooding/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Flash Flooding	3. Likely	3. Critical	3. 6-12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Hail	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6-12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Hurricane/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Reception Support	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Infestation/Disease	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Mold/Air Quality	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Thunderstorm/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Lightning	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	



Hazard	Probability	Magnitude	Warning	Duration	Risk Priority
Tornado/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Straight-Line	3. Likely	3. Critical	3. 6-12 hrs	3. 6-12 hrs	Medium
Winds	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Tremors/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Earthquake	3. Likely	3. Critical	3. 6-12 hrs	3. 6-12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Urban Wildland	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Interface/Fire	3. Likely	3. Critical	3. 6-12 hrs	3. 6-12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3-6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Winter Storm	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Building Collapse	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Banamy Conapos	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	20
Energy/Fuel	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Shortage	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
Onortage	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	LOW
Hazardous	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Materials	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
ivialeriais	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	LOW
Major Urban	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Structure Fire	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
Structure Fire	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
			1. 24+ hrs	1. <3 hrs	LOW
Dlana Crach	1. Unlikely	1. Negligible			Lliab
Plane Crash	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
D: " = "	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Pipeline Failure	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Telecommunication	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Failure	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	



Hazard	Probability	Magnitude	Warning	Duration	Risk Priority
Bus/Vehicle Wreck	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Water/Wastewater	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
System Failure	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Train Derailment	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6-12 hrs	3. 6-12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Bomb/Terrorist	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Threat	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Civil Disorder	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Felony Crimes	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
. c.cy ccc	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Hostage	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
riodago	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	20
Mass Casualty	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Wass Sasaary	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	2011
Campus Death(s)	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Campus Death(s)	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	LOW
Security Breach/	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Trespassing	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
rrespassing	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
			1. 24+ hrs	2. 3–6 ms 1. <3 hrs	LOW
Terrorism/	1. Unlikely	1. Negligible			Lliah
	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Bio Terrorism	3. Likely	3. Critical	3. 6–12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12–24 hrs	2. 3–6 hrs	Low
1	1. Unlikely	Negligible	1. 24+ hrs	1. <3 hrs	Ì



Hazard	Probability	Magnitude	Warning	Duration	Risk Priority
Weapons Incidents	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
	3. Likely	Critical	3. 6-12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	
Cyber Security	4. Highly Likely	4. Catastrophic	4. Minimal	4.12+ hrs	High
Breach	3. Likely	Critical	3. 6-12 hrs	3. 6–12 hrs	Medium
	2. Possible	2. Limited	2. 12-24 hrs	2. 3–6 hrs	Low
	1. Unlikely	1. Negligible	1. 24+ hrs	1. <3 hrs	