



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/ Drought	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low
Flooding/ Flash Flooding	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low
Hail	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low
Hurricane/ Reception Support	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low
Infestation/Disease	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low
Mold/Air Quality	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low
Thunderstorm/ Lightning	4. Highly Likely 3. Likely 2. Possible 1. Unlikely	4. Catastrophic 3. Critical 2. Limited 1. Negligible	4. Minimal 3. 6–12 hrs 2. 12–24 hrs 1. 24+ hrs	4. 12+ hrs 3. 6–12 hrs 2. 3–6 hrs 1. <3 hrs	High Medium Low



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



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



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