



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 |