

Overview of Incident Types

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Natural / Nature

- High winds, hurricane, tornado
- Thunder, electrical storm
- Winter / ice storm
- Earthquake, tsunami
- Temperature extremes, drought
- Flood
- Fire
- Landslide
- Dam failure
- Volcanic
- Pandemic, epidemic

Technological

- Electrical, generator
- Transportation
- Fuel or supply shortage
- Water / sewer
- Steam
- Fire Systems
- IT, security system
- Structural damage

Human Caused

Accidental or intentional

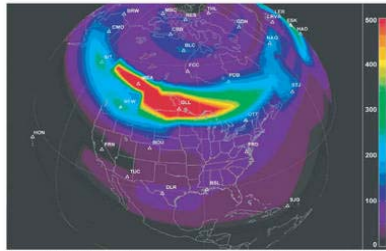
- Food, water contamination
- Human error
- Riot, labor strike
- VIP situation
- Armed intruder, hostage, civil disturbance
- Vandalism
- Sabotage
- Chemical, biological, radiological
- Nuclear
- Mail System

Natural/Nature

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Mt. St. Helens, 1980



Geomagnetic field disturbance conditions, dB/dt (nT/min) over North America at time 7:45 UT on March 13, 1989
Source: Metatech Corporation, Applied Power Solutions

Geomagnetic Storm, 1989



Earthquake, Turkey, 1999



Flooding, Annually



**Earthquake/Tsunami, 2004;
2008; 2010; 2011**



Russian Meteor, 2013



Fire Season, Annually



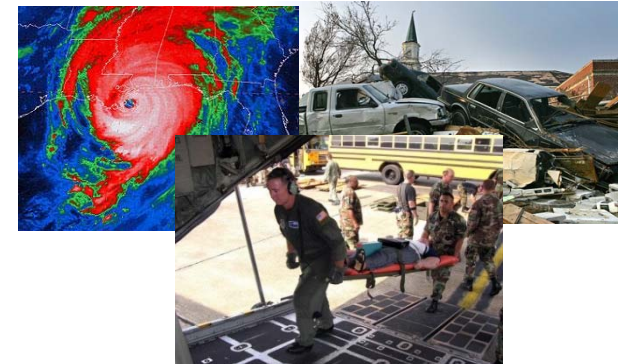
**Tornados Nationally with
Increasing Frequency**



**H5N1, 2005
H1N1, 2009**



Pandemic Flu, 1918



**Hurricanes Katrina\Rita 2005
Hurricane Sandy, 2012**

Technological

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Utility or Communication Outage



Transportation Failure



Fuel shortages



IT failure, cyber security,



Human Caused – Accidental/Intentional



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9-11 Terrorist Attacks, 2001



Connecticut Plant Explosion



Labor Strike



W.VA Coal Mine Vigil, 2006



Las Vegas 2017



Sarin, Tokyo, 1995



Civil Unrest/Riot



Anthrax, DC, 2001



Oklahoma City, 1995