Cumbria Community Risk Register

This is the Cumbria Community Risk Register. It has been put together by representatives from the Cumbria Local Resilience Forum. We use this risk register to help us prioritise our work in planning for emergencies and exercising our plans.

Reviewed 27th November 2026

Likelihood	Impact	Rating	Descriptor	Year Assessed
4	**5**	**Very High**	Pandemic	2026
4	**4**	**Very High**	Digital Technology Resilience Failure	2026
4	**4**	**Very High**	Disruption to Space-Based Services	2025
4	**4**	**Very High**	Fluvial flooding	2026
4	**4**	**Very High**	Outbreak of an emerging infectious disease	2026
4	**4**	**Very High**	National Disruption to Data Infrastructure	2026
3	**5**	**Very High**	National power outage	2026
5	**3**	**High**	Technological failure of a UK critical Financial Market Infrastructure	2025
5	**3**	**High**	Disaster affecting a UK Overseas Territory	2024
4	**3**	**High**	Inland Water Pollution	2025
4	**3**	**High**	Food Supply Contamination	2024

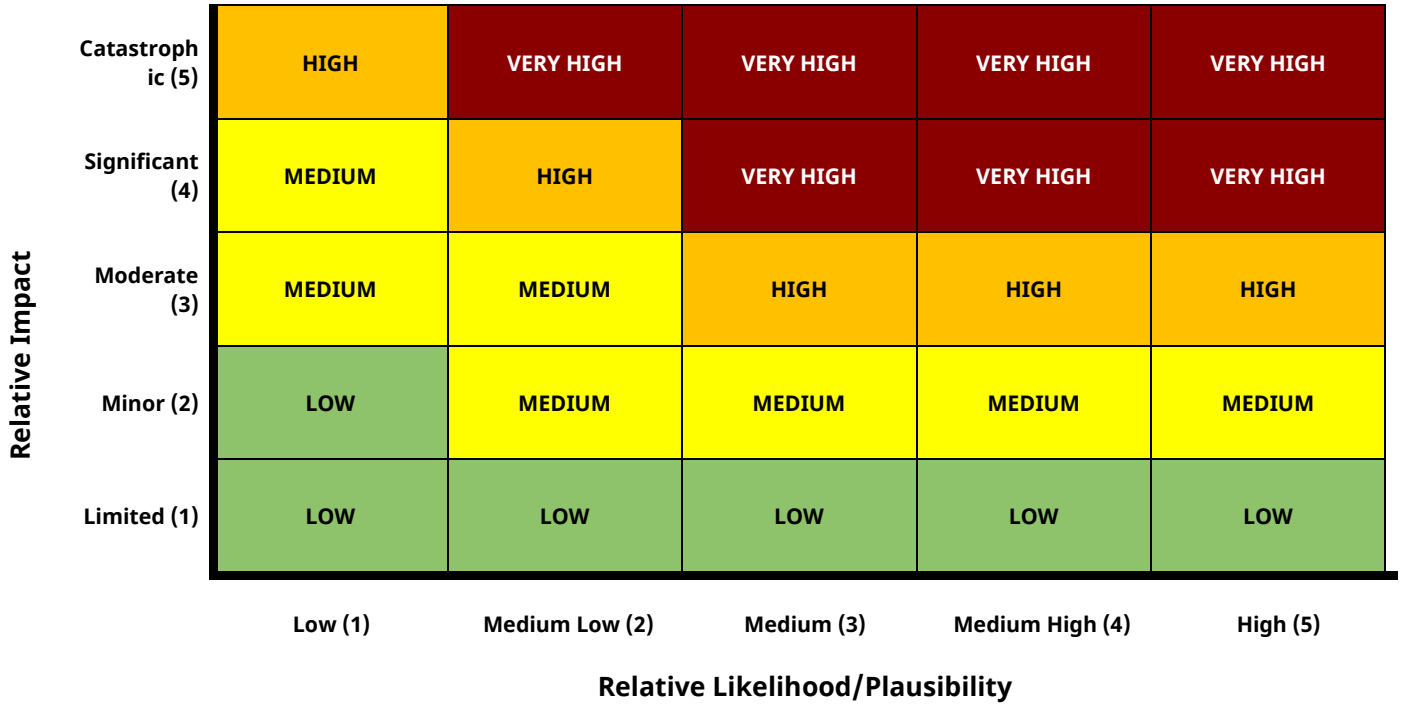
Likelihood	Impact	Rating	Descriptor	Year Assessed
4	**3**	**High**	Volcanic eruption	2026
4	**3**	**High**	Public disorder	2026
4	**3**	**High**	Reception and integration of British Nationals arriving from overseas	2026
3	**3**	**High**	Simultaneous loss of all fixed and mobile forms of communication	2025
3	**3**	**High**	Regional failure of the electricity network	2025
3	**3**	**High**	National gas and electricity shortfall	2026
3	**3**	**High**	Technological Failure of a Systemically Important Bank	2025
3	**3**	**High**	Humanitarian crisis overseas - natural hazard event	2026
3	**3**	**High**	High temperatures and heatwaves	2025
3	**3**	**High**	Low temperatures and snow	2025
3	**3**	**High**	Surface water flooding	2026
3	**3**	**High**	Major outbreak of highly pathogenic avian influenza	2024
3	**3**	**High**	Industrial action - fuel supply	2025
2	**4**	**High**	Loss of PNT	2024
2	**4**	**High**	Reservoir/Dam Collapse	2025
2	**4**	**High**	Major outbreak of foot and mouth disease	2025

Likelihood	Impact	Rating	Descriptor	Year Assessed
1	**5**	**High**	Civil Nuclear Accident	2026
1	**5**	**High**	Radiation Release from Overseas Nuclear Accident	2025
5	**2**	**Medium**	Failure of a supplier of CNI Chemicals	2026
4	**2**	**Medium**	Major Social Care Provider Failure	2026
4	**2**	**Medium**	Wildfire	2024
4	**2**	**Medium**	Severe space weather	2025
4	**2**	**Medium**	Industrial action - firefighters	2025
3	**2**	**Medium**	Significant disruption to the operation of the Criminal Justice System	2026
3	**2**	**Medium**	Accidental damage on the national gas transmission network	2026
3	**2**	**Medium**	Insolvency of supplier(s) of critical services to the public	2025
3	**2**	**Medium**	Accident Involving High Consequence Dangerous Goods	2025
3	**2**	**Medium**	Storms	2026
3	**2**	**Medium**	Major outbreak of African swine fever	2024
3	**2**	**Medium**	Industrial action - public transport	2024
2	**3**	**Medium**	Accidental chemical release at an onshore major hazard (COMAH) site	2026
2	**3**	**Medium**	Coastal flooding	2026

Likelihood	Impact	Rating	Descriptor	Year Assessed
2	**2**	**Medium**	Rail Accident	2026
2	**2**	**Medium**	Accidental fire or explosion at an onshore major hazard (COMAH) site	2026
2	**2**	**Medium**	Major Fire	2023
2	**2**	**Medium**	Poor air quality	2026
2	**2**	**Medium**	Major outbreak of plant pest - Agrilus planipennis	2026
1	**4**	**Medium**	Aviation Collision	2026
1	**3**	**Medium**	Large Passenger Vessel Accident	2023
1	**3**	**Medium**	Accidental fire or Explosion at an Onshore Major Accident Hazard Pipeline	2026
1	**3**	**Medium**	Drought	2026
1	**3**	**Medium**	Major outbreak of African horse sickness	2023
5	**1**	**Low**	Major outbreak of plant pest - Xylella fastidiosa	2025
4	**1**	**Low**	Insolvency Affecting Fuel Supply	2025
3	**1**	**Low**	Major Accident on the Highway	2025
3	**1**	**Low**	Earthquake	2025
3	**1**	**Low**	Industrial action - prison staff	2026
2	**1**	**Low**	Malicious drone incident	2025

Likelihood	Impact	Rating	Descriptor	Year Assessed
2	**1**	**Low**	Failure of water infrastructure or loss of drinking water	2026
1	**2**	**Low**	Inland Passenger Vessel Accident	2025
1	**2**	**Low**	Maritime Pollution	2023
1	**2**	**Low**	Radiation Exposure from transported, stolen or lost goods	2023
1	**2**	**Low**	Accidental fire or explosion on an offshore oil or gas installation	2023
1	**2**	**Low**	Accidental work-related (laboratory) release of a hazardous pathogen	2023

The following categories are excluded from the Cumbrian Community Risk Register by reason that individual hazard criteria as laid down by central government cannot be met within this County	
Incident of a vessel blocking a major port	Cumbria does not have a major port.
Accidental fire or explosion at an onshore major hazard (COMAH) site	The reference scenario is not possible with Cumbria due to infrastructure so replaced with Localised Industrial Accident (including Toxic Release) and Industrial Explosion/ Fire (Hazard).



What we are doing:

Cumbria Local Resilience Forum maintain a well-established 'Cumbria Emergency Plan' which contains comprehensive general arrangements for responding to emergencies in Cumbria. It guides us in how to deal with the sort of emergencies identified in this risk register. We also have specific plans for many Very High risks and relevant consequences plans for the impact's risks – for example, a multi-agency flood plan, a pandemic plan and a power disruption plan. All the organisations involved in the Cumbria Local Resilience Forum (For example: Police, Ambulance, Fire Service, Local Authorities and NHS England) regularly train together and exercise our plans. This means we are ready to respond when we need to.

What you can do:

We do not like to think about emergencies happening, but an emergency can happen anywhere. What would you do if the Police knocked on your door in the middle of the night to ask you to leave your home because of the danger of a nearby emergency? Would you be ready?

Families and households can and do cope with emergencies by preparing in advance and working together as a team. Knowing what to do is your best protection and your responsibility.

The chances of being involved in a major emergency are low however, it could happen. The following outline the key things you can do to help prepare you and your family in the event of a major emergency.

- Think about the type of major emergencies that could affect you and your family.
- Think about what hazards and risks you face in your home and take action to reduce the risk to your family.
- Develop a household *PLAN for* responding to an emergency.
- Prepare the equipment, food, and water you will need.
- Make sure your children know what to do in the event of a major emergency and practice your emergency plan.
- Do not forget the safety of your family pet.