Cumbria PREPARED

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 28th September 2026

Likelihood	Impact	Rating	Descriptor	Date Assessed
-	-	Very High	Combinations of risks being realised at the same time. Concurrency of impacts and consequences.	-
5	4	Very High	Localised Fluvial Flooding	2026
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	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
3	4	Very High	Fluvial flooding	2026

Likelihood	Impact	Rating	Descriptor	Date Assessed
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
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

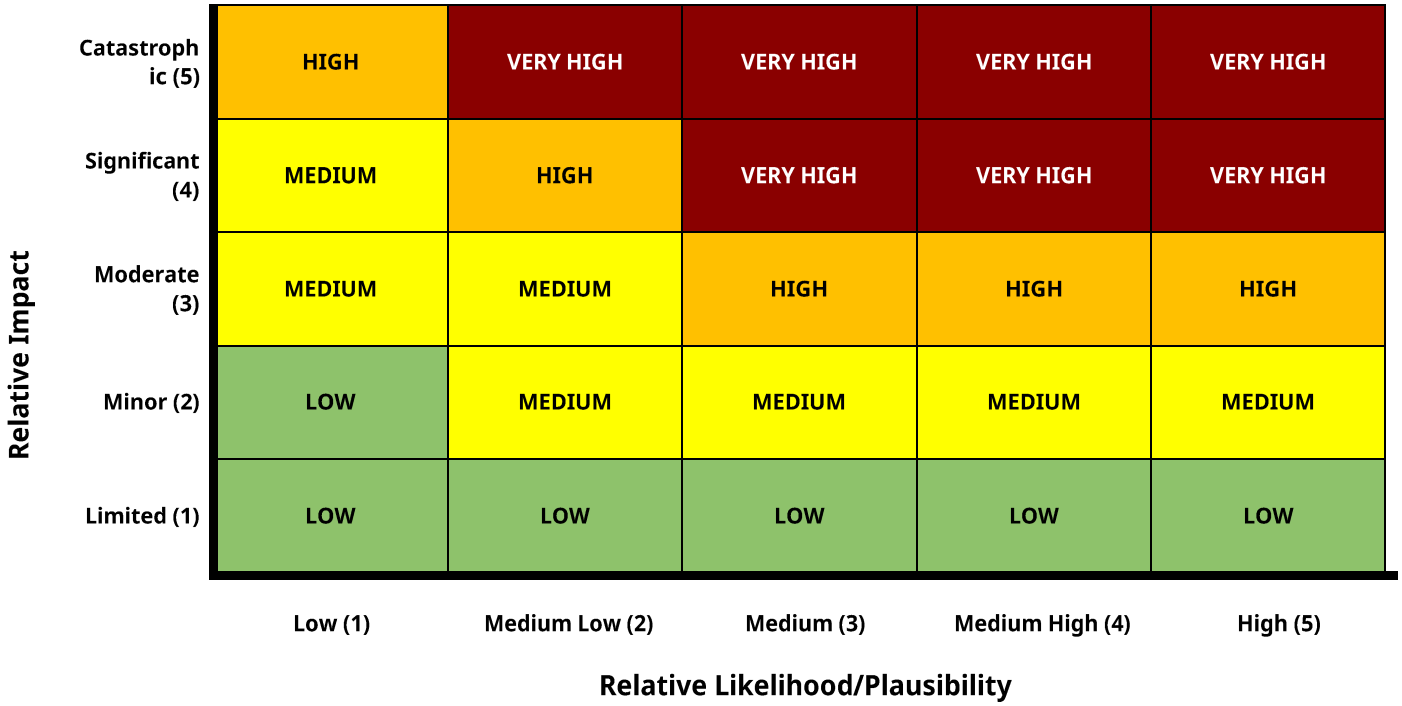
Likelihood	Impact	Rating	Descriptor	Date Assessed
3	3	High	Localised Surface Water Flooding	2025
3	3	High	Simultaneous loss of all fixed and mobile forms of communication	2025
3	3	High	Regional failure of the electricity network	2025
3	3	High	National gas and electricity shortfall	2026
3	3	High	Technological 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	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
1	5	High	Civil Nuclear Accident	2025
1	5	High	Radiation Release from Overseas Nuclear Accident	2025

Likelihood	Impact	Rating	Descriptor	Date Assessed
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	Localised Coastal Flooding	2025
3	2	Medium	Localised Flash Flooding	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

Likelihood	Impact	Rating	Descriptor	Date Assessed
3	2	Medium	Industrial action - public transport	2024
2	3	Medium	Localised Industrial Accident (including Toxic Release)	2025
2	3	Medium	Regional Coastal Flooding	2025
2	2	Medium	Industrial Explosion/ Fire (Hazard)	2025
2	2	Medium	Rail Accident	2023
2	2	Medium	Major Fire	2023
2	2	Medium	Poor air quality	2023
2	2	Medium	Major outbreak of plant pest - Agrilus planipennis	2026
1	4	Medium	Aviation Collision	2026
1	3	Medium	Localised Drought	2025
1	3	Medium	Large Passenger Vessel Accident	2023
1	3	Medium	Accidental fire or Explosion at an Onshore Major Accident Hazard Pipeline	2023
1	3	Medium	Major outbreak of African horse sickness	2023

Likelihood	Impact	Rating	Descriptor	Date Assessed
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
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).
Accidental chemical release at an onshore major hazard (COMAH) site	The reference scenario is not possible with Cumbria due to infrastructure.
Accidental Fire or Explosion at an Onshore Fuel Pipeline	The reference scenario is not possible with Cumbria due to infrastructure.
Coastal flooding	The reference scenario is not possible with Cumbria due to geographical location so replaced with Localised Coastal Flooding and Regional Coastal Flooding.
Surface water flooding	The reference scenario is not possible with Cumbria due to infrastructure so replaced with Localised Surface Water Flooding.
Drought	The reference scenario is not possible with Cumbria due to geography so replaced with Localised Drought.



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 impacts 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.