

# TYPES OF FLOODING

## 1. RIVER FLOODING



River flooding, also known as fluvial flooding, occurs when the capacity of a rivers channel is exceeded as a result of intense or sustained rainfall across the catchment.

## 2. GROUNDWATER FLOODING



Groundwater flooding occurs when the water table rises up to the surface during a prolonged wet period. Low lying areas, areas near aquifers and properties with cellars or basements are more likely to experience groundwater flooding.

## 3. SURFACE WATER FLOODING



Surface water flooding occurs when the volume of rainfall is unable to drain away through the drainage systems or soak into the land and instead flows over land. Blocked drains and sewers can increase the risk of surface water flooding as the water has nowhere to go.

## 4. COASTAL FLOODING



Simply put, a coastal flood is when the coast is flooded by the sea. The most common cause of coastal flooding in the UK is storm surges in conjunction with high tides, where the storm wind creates higher than normal waves.

## 5. SEWER FLOODING



Most sewer flooding incidents are the result of overloaded sewers following heavy rainfall, or due to blockages caused by misuse of the sewer system such as flushing unsuitable items down the toilet.

## 6. RESERVOIR FLOODING



Reservoir flooding can be similar to river and surface water flooding if the water escapes slowly. However, in the unlikely event of the dam wall failing, a large amount of water could escape. It could happen with little or no warning and you may need to evacuate immediately.