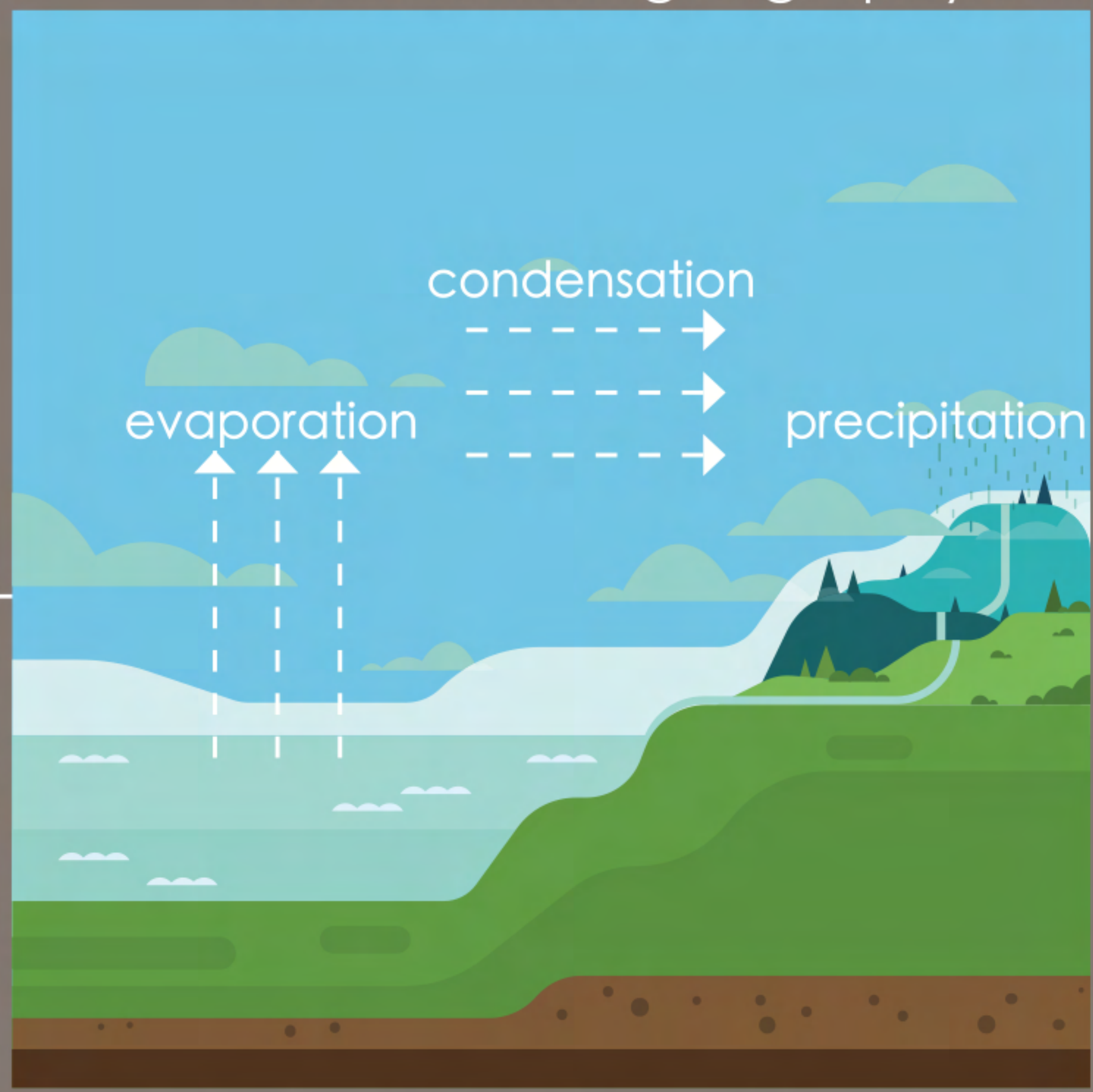


EXTREME WEATHER

Cumbrian Floods 2009

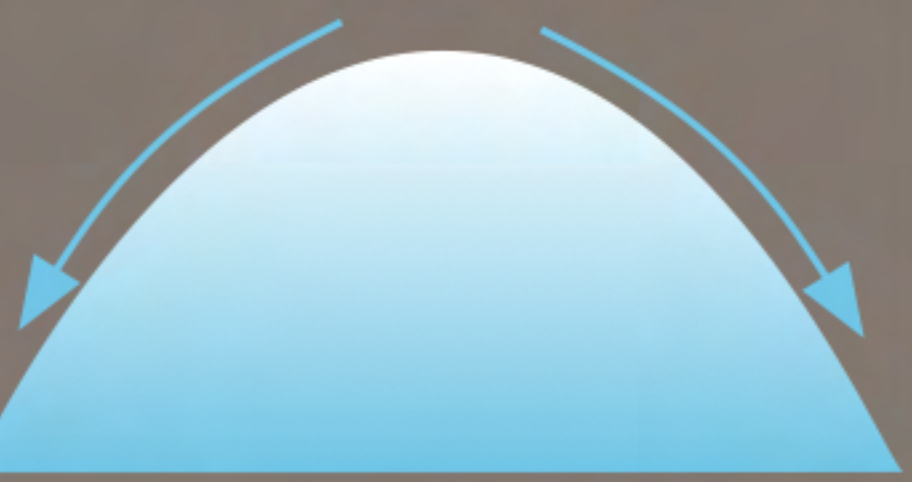
In November 2009, over 31 cm of rain fell in a 24-hour period. This is a record amount of daily rainfall for the UK. This led to the flooding of the town of Cockermouth.



rainfall 31 cm

Warm air from the Atlantic Ocean caused relief rainfall over the Cumbrian mountains. As the warm, wet air rose it cooled, condensed and caused significant rainfall on saturated land.

ground saturated



steep slopes

river Derwent & Cocker already swollen



PC Bill Barker



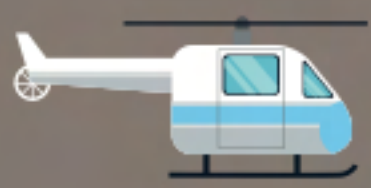
198

psychological help



1300

homes flooded



50

evacuated by helicopter

insurance costs £100 million



average £28k per affected house

Cockermouth town centre flooded



4 mm collapsed 12 closed

total cost £270 million

£124 shops, farms & factories

£91m homes

£34m bridges and roads

£15m tourism loss

£1 million for clean up and repairs from Government



Cumbria Flood Recovery Fund

raised £1m

temporary station Workington



£4.4m Cockermouth flood management scheme

flood defence walls
river dredged
new embankments
new flood gates

