

# Mountain Climates



# What would you wear?



The Andes (Peru)



The Rockies



The Himalayas



Snowdonia

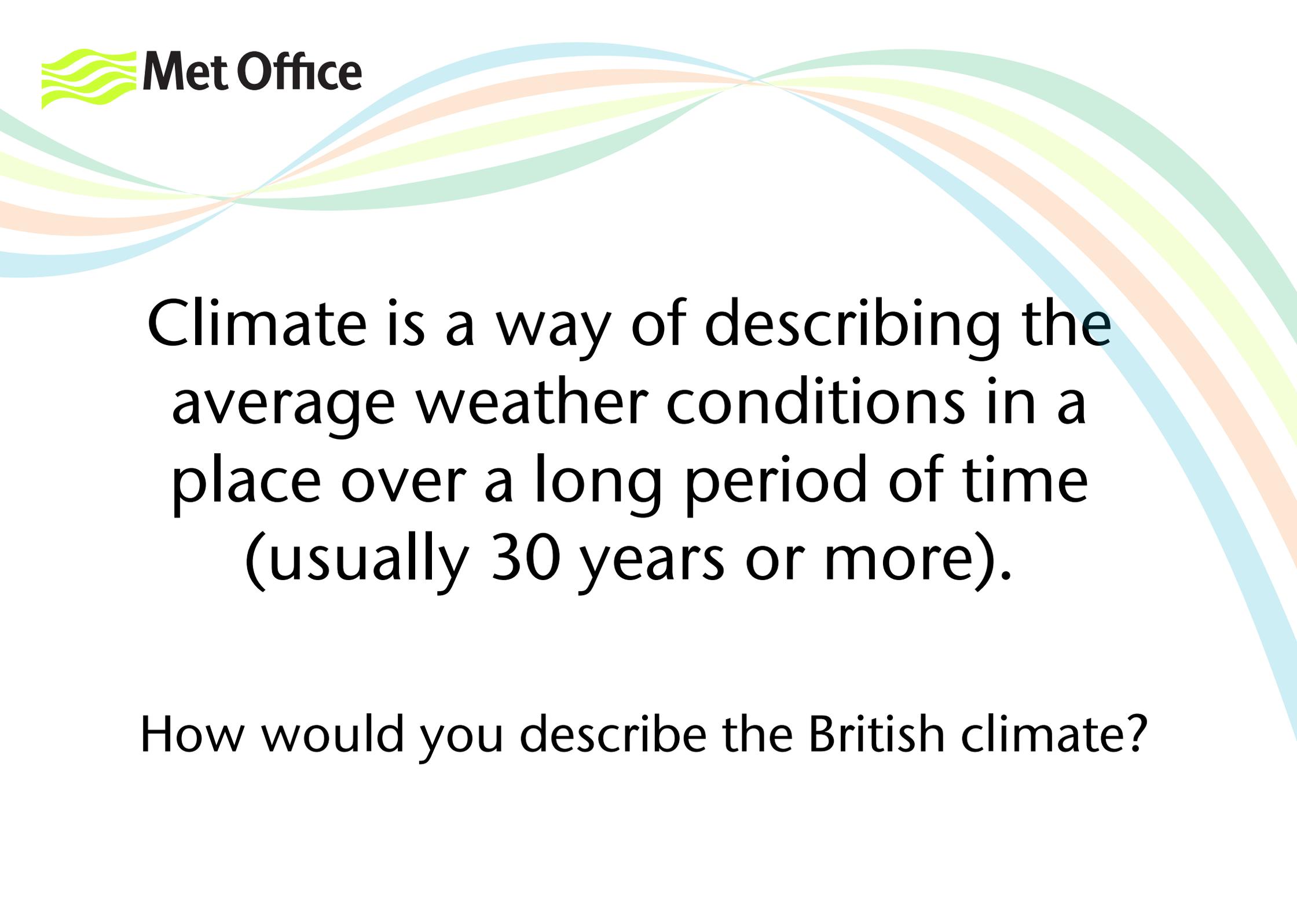


The Lake District



The Austrian Alps

What did you find out?



Climate is a way of describing the average weather conditions in a place over a long period of time (usually 30 years or more).

How would you describe the British climate?

# Climates can change from place to place depending on:

- The time of the year (summer or winter)
  - How far from the equator a place is
  - The altitude (coasts and mountains)
- Human activity over a very long time.

# There are five different types of climate.



Mountain



Cold



Tropical



Dry



Temperate

# Tropical Climate

Places in the tropics near the equator have tropical climates.



They have high temperatures, high humidity and heavy rainfall.

**Tropical wet climate: rainforest in Sri Lanka**

# Dry Climate



**Warm and dry climate: grassland in the Rift Valley in Africa**

**Dry climates can be hot or cold and they have very little rain.**

# Cold Climate



**Polar Climate. Iceberg in the Scotia Sea, South Atlantic**

Places with cold climates have long cold winters and short summers.  
Polar Climate is a type of cold climate with very low temperatures,  
strong winds and all year round snow cover.

# Temperate Climate



**Dyfi Forest, mid-Wales**

Temperate areas of the world lie between the tropics and the polar circles. The weather is usually mild, with rain all year round and can be very unpredictable both in summer and winter.