

CLIMATE WORLDWIDE

FACT FILE

TROPICAL CLIMATE



It is found near the Tropics

Weather:

- Temperatures are always hot, between 24°C-27°C
- Rainfall is abundant all year.
- Two seasons; the dry and the rainy season.

Rainforest:

Always dense and green with many different species of animals and plants. The tallest trees are more than 40m. high.

The main rainforests are in South and Central America, Central Africa and South-east Asia. ▲

Not many people live there because of the heat and humidity.

Some native people live by hunting and gathering plants.

Savannah:

It is a huge plain with tall grass, green in the rainy season and yellow in the dry season.

Savannah are found in Central America, America, south Asia and parts of Australia.

Most people live on the coast or near the rivers in rural areas working in agriculture.

Many animals live there, such as giraffes, zebras, lions and cheetahs.

FACT FILE

DESERT CLIMATE



Hot desert are found near the Tropics.

Cold desert are found in the Temperate zones.

Weather:

There is little rainfall.

In hot deserts it is very hot during the day and very cold at night.

In cold deserts it is very hot in Summers and very cold in winters.

Landscapes:

The lack of water makes vegetation and animal life scarce.

Some species, such a cacti and camels have adapted to dry conditions.

Date palms grow near oases in damp areas.

Some nomads life there, Tuaregs in the Sahara and Mongols in the Gobi.



Oasis:

Places with water all year round. Usually the water comes from a underground pool or river.

People dig deep wells with pumps to bring the water to the surface.

Interesting fact file:

The Sahara in Africa is the largest desert in the world.

The Atacama desert in Chile is the driest place in the world.

The Gobi desert in Asia is the coldest desert in the world.

FACT FILE **COOL TEMPERATE CLIMATE**



It is found in temperate zones in the northern hemisphere

Europe, Asia and North America.

Weather:

- Average temperature 3-8°C.
- Winters are very cold and summers are hot.
- It is usually cloudy.
- It is very wet, it usually rains 3 or 4 days a week.
- It has four seasons; Winter, Spring, Summer and Autumn.
- In some places rivers remain frozen during the winter.

Landscapes:

Coniferous forest and taigas. Coniferous trees such as fir and pine.

Prairies of tall grass are found in wetter, warmer areas.

Low grass, called steppes are found in dry areas.

People:



For centuries, small groups of hunters and reindeer shepherds lived there.

The population in the forest is very small.

Most people live on prairies.

People have built towns in prairies and they grow food and raise livestock.

Animals:

Many animals live in the coniferous forests, such as squirrels, moose. In summer a lot of birds migrate there.

Interesting fact files:

The brown bears of the coniferous forest sleep in caves during the cold winters.

FACT FILE

WARM CLIMATE



Mediterranean and similar.
Oceanic, mainly in the West coast.



Weathe

Mediterranean:

- Temperature is high in Summer and mild in Winter.
- Precipitation is not abundant. Summers are very dry.

Oceanic: (call also Maritime)

- Temperatures are mild all year because of the ocean.
- Precipitation is abundant and regular. It rains in all seasons.

Landscape:

Mediterranean:

Rivers have an irregular flow. In Summer, they carry very little water.

There are forests of elms, oaks and pine trees. Plants like lavender.

Forests have been replaced by different products such as olive trees.

On the coast, fruit and vegetables used to be widely grown. ▲

Many areas have been transformed by tourism.

Oceanic:

Vegetation is abundant and landscape is green.

Forests in highlands with ash, oak and beech trees.

This zones are densely populated.

Landscapes have changed, many forests have been cut down to obtain timber or to make room for farmlands, towns, factories or roads.

FACT FILES

POLAR CLIMATE



Two regions: the Arctic and Antarctic.

Situated between the polar Circles and the Poles.

Weather

- It is very cold. The average temperature is about -10°C .
- Strong and dry winds.
- Snow falls about 3 or 4 days a week.
- The Antarctic regions are the coldest places on Earth.

Landscapes:

Mainly ice and snow all around.

Only a few animals such as seals and penguins live there.

There are tundra where the ice melts during the short Summer.

The tundra is home to animals like reindeers, foxes and wolves. ▲

People:

Human life is very difficult, no water, few animals or plants.

Small groups of Sami and Inuits live in the Arctic region.

The only inhabitants of the Antarctic are a few dozen scientists.

Intersting fact file:

Antarctica is the coldest continent on Earth and it is bigger than India and China combined.

FACT FILES

MOUNTAIN CLIMATE



Highest mountain ranges

Himalayas in Asia the **Andes** in South America

Alps and Pyrenees in Europa

Weather:

- Temperatures are very low in Winter and cool in Summer.
- There is abundant precipitation during the year.
- It often snows in Winter.
- Temperatures grow colder going up the mountain.

Landscape:

Vegetation changes from one part of a mountain to another.

It changes with altitude because of the different temperature.

There is less vegetation in windy places. ▲

The vegetation on sunny slopes is different from the shady slopes.

People:

In temperate zones mountains are not populated, people live in valleys.

In hot climates, they are densely populated because of the lower temperature.

Interesting fact file:

Mount Everest is in Himalayas, the highest mountain range in the world, situated in Asia.