

SPAIN

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Geography

- Spain is located in Western Europe and North Africa, occupies most of the Iberian Peninsula and beyond, two main islands (the Canary Islands in the Atlantic Ocean and the Balearic Islands in the Mediterranean Sea), two cities, Ceuta and Melilla in north Africa.



Geography

- The physical limits of Spain are: in the west, Portugal and the Atlantic Ocean. The Mediterranean Sea in the east. Africa, the Atlantic Ocean and the Mediterranean Sea in the south and the Pyrenees, with the Bay of Biscay at sea Biscay in the north.



Climates in Spain

Types of Climates

Mediterranean

continental Mediterranean

Oceanic Mountain

Canarian or Subtropical



BIOMES

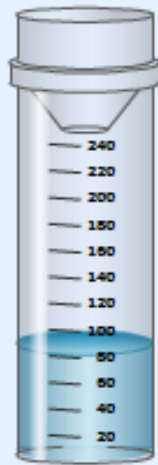
Oceanic climate

- Atlantic and ocean landscapes are characteristic in North and northwest of the peninsula.
- The oceanic climate is characterized by abundant and continuous rains and fresh temperatures.

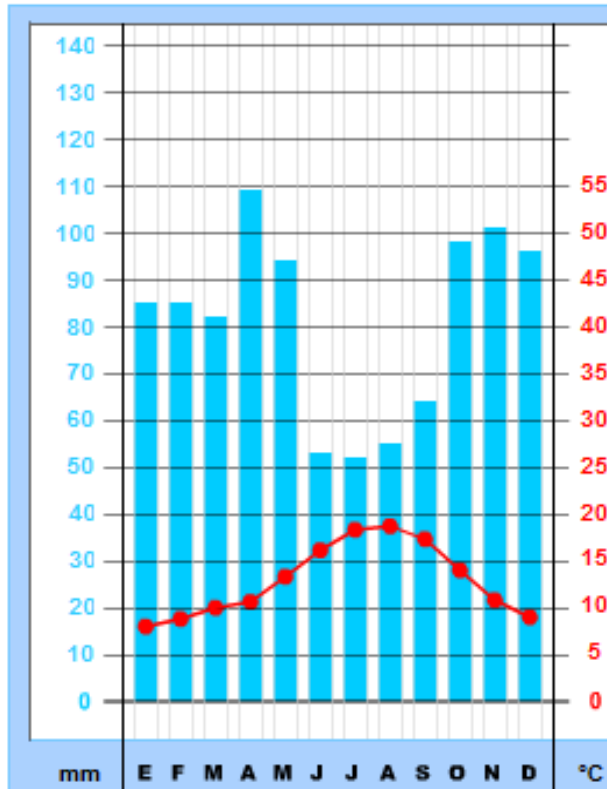
Oviedo (España)

Altitud: 339 m
 Latitud: 43° 21' N
 Longitud: 5° 52' O

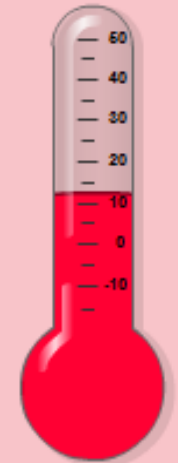
Precipitación total anual
974 mm



81.2 mm
 Precipitación media mensual



Amplitud térmica
10.7 °C



12.9 °C
 Temperatura media anual

[TYPES OF CLIMATES](#)

MEDIAS MENSUALES

Precipitación (mm)

Temperatura (°C)

	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
Precipitación (mm)	85	85	82	109	94	53	52	55	64	98	101	96
Temperatura (°C)	8.0	8.8	10.0	10.6	13.3	16.1	18.3	18.7	17.3	14.0	10.8	9.0

Mediterranean climate

It encompasses all the Mediterranean coast, from Catalonia to Andalusia.

The Mediterranean climate is characterized by moderate and irregular rains and mild temperatures, mild winters because of the moderating action of the sea.

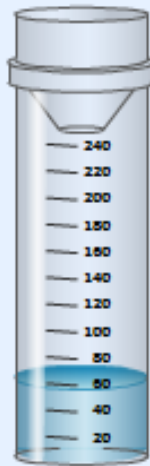
Barcelona (España)

Altitud: 6 m

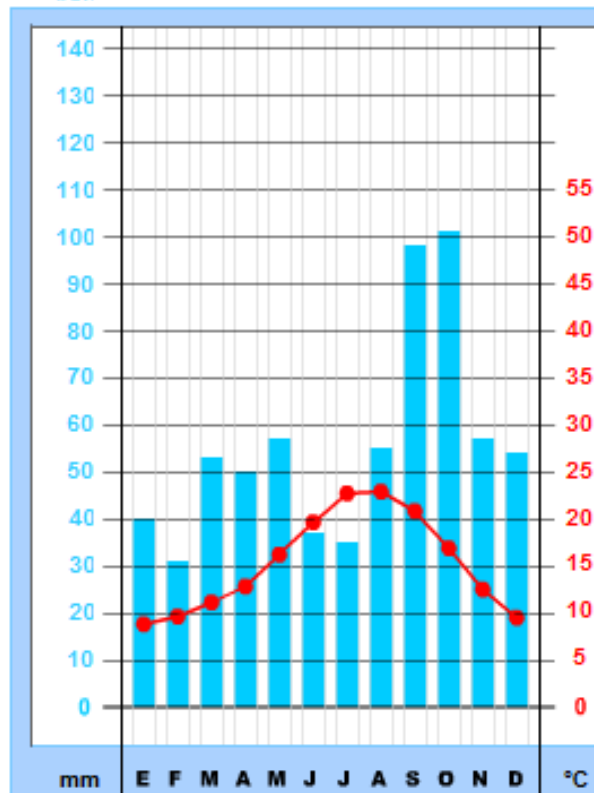
Latitud: 41° 17' N

Longitud: 2° 04' E

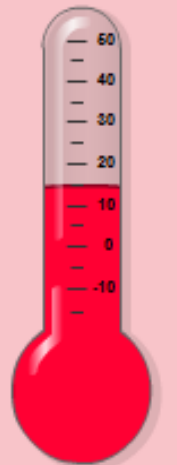
Precipitación total anual
668 mm



55.7 mm
Precipitación media mensual



Amplitud térmica
14.1 °C



15.3 °C
Temperatura media anual

MEDIAS MENSUALES

Precipitación (mm)

Temperatura (°C)

ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
40	31	53	50	57	37	35	55	98	101	57	54
8.8	9.6	11.1	12.8	16.2	19.6	22.7	22.9	20.8	16.9	12.5	9.5

Mountain climate

■ You can find the mountain climate in the highest mountains of the Pyrenees, the Cantabrian Mountains, the central system, the Iberian System and on the Betic Mountains.

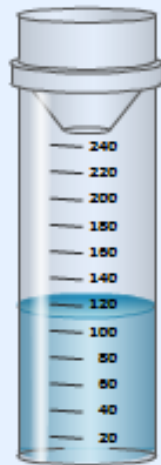
■ The mountain climate is characterized by abundant rains and cold temperatures.

[.TYPES OF CLIMATES](#)

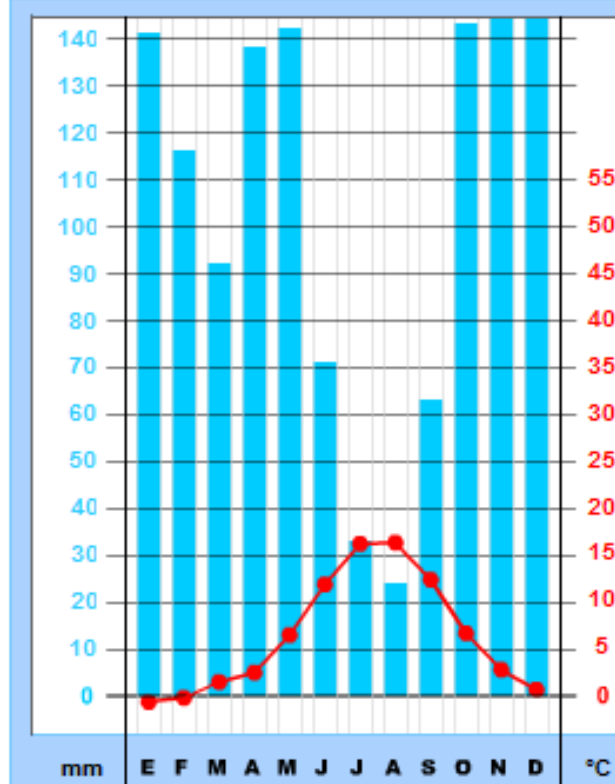
Navacerrada-Madrid (España)

Altitud: 1888 m
 Latitud: 40° 47' N
 Longitud: 4° 01' O

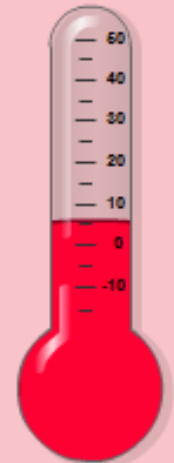
Precipitación total anual
1325 mm



110.4 mm
 Precipitación media mensual



Amplitud térmica
16.9 °C



6.4 °C
 Temperatura media anual

MEDIAS MENSUALES

Precipitación (mm)

Temperatura (°C)

	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
Precipitación (mm)	141	116	92	138	142	71	33	24	63	143	186	176
Temperatura (°C)	-0.6	-0.2	1.5	2.5	6.5	11.9	16.2	16.3	12.4	6.7	2.8	0.7

Continental mediterranean climate

- It is located in the Meseta, Extremadura, Ebro Depression and the interior of Andalusia.

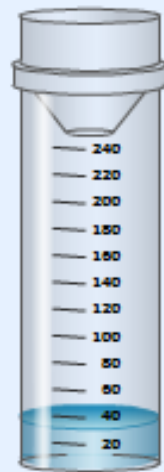
- It is characterized by low rainfall and temperate temperatures.

[TYPES OF CLIMATES](#)

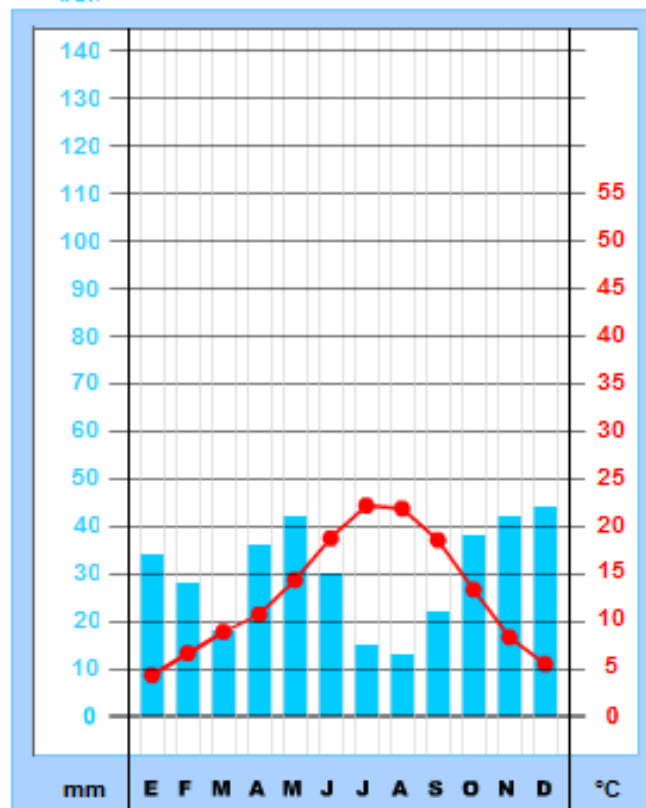
Zamora (España)

Altitud: 660 m
 Latitud: 41° 30' N
 Longitud: 5° 44' O

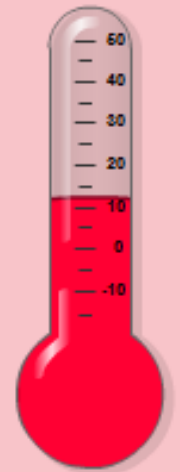
Precipitación total anual
362 mm



30.2 mm
 Precipitación media mensual



Amplitud térmica
17.8 °C



12.8 °C
 Temperatura media anual

MEDIAS MENSUALES
 Precipitación (mm)
 Temperatura (°C)

	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
Precipitación (mm)	34	28	18	36	42	30	15	13	22	38	42	44
Temperatura (°C)	4.3	6.6	8.9	10.7	14.3	18.7	22.1	21.8	18.5	13.3	8.3	5.5

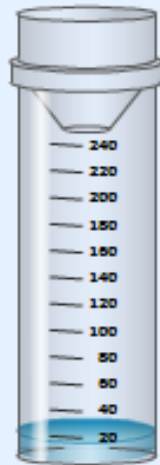
Canarian or subtropical climate

- It is located in the Canary Islands it has a dry subtropical climate.
- It is characterized by very little rain and warm temperatures.

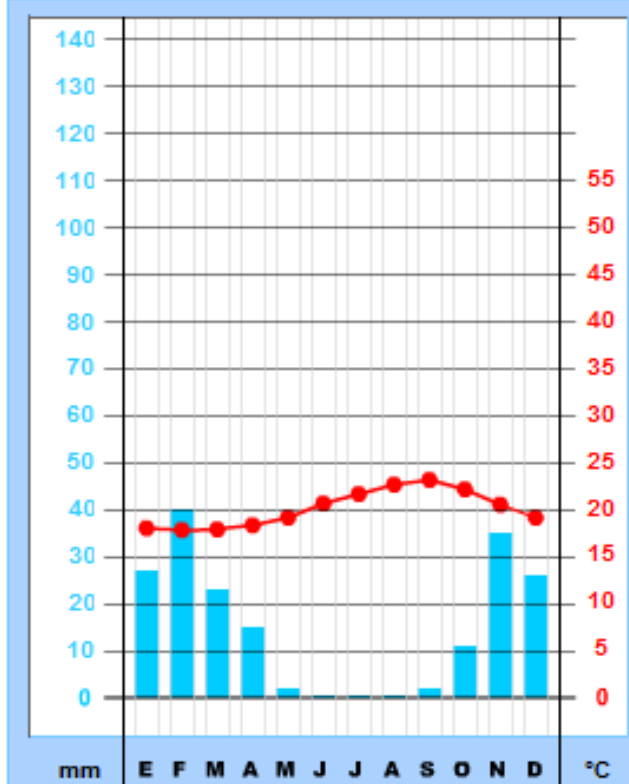
Hierro (España)

Altitud: 30 m
 Latitud: 27° 49' N
 Longitud: 17° 53' O

Precipitación total anual
182.5 mm



15.2 mm
 Precipitación media mensual



Amplitud térmica
5.3 °C



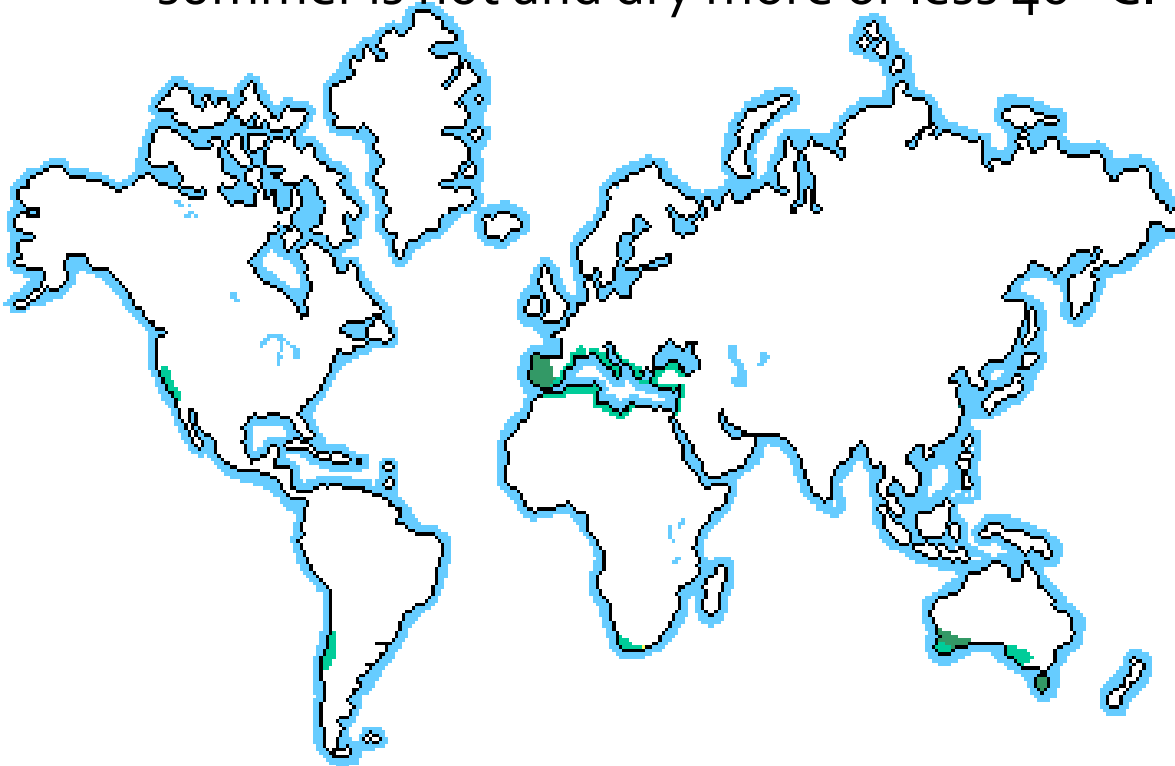
20.1 °C
 Temperatura media anual

[TYPES OF CLIMATES](#)

MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
Precipitación (mm)	27	40	23	15	2	0.5	0.5	0.5	2	11	35	26
Temperatura (°C)	18.0	17.8	17.9	18.3	19.1	20.6	21.6	22.6	23.1	22.1	20.5	19.1

BIOMES (Chaparral)

- The chaparral biome is found in coastal areas of the Mediterranean.
- The chaparral biome has many different types of terrain. Some examples are flat plains, rocky hills and mountain slopes.
- As for the temperature, the winter is very mild and is about 10 °C. The summer is hot and dry more or less 40 °C.



Cáceres

BIOMES (Chaparral)

- Fortunately the plants and animals are adapted to these conditions. Most of the plants have small, hard leaves which hold moisture.
- Animals are adapted to hot, dry weather. A few examples: coyotes, jack rabbits, alligator lizards, horned toads, praying mantis, and ladybugs.



Zamora



coyotes

BIOMES (subtropical steppe)

- The steppe is onto the interior of Spain.
- The steppe is characterized by grassland plains without trees apart from those near rivers and lakes.
- It is a very dry climate, to have a lot of vegetation, but not dry enough to be a desert.



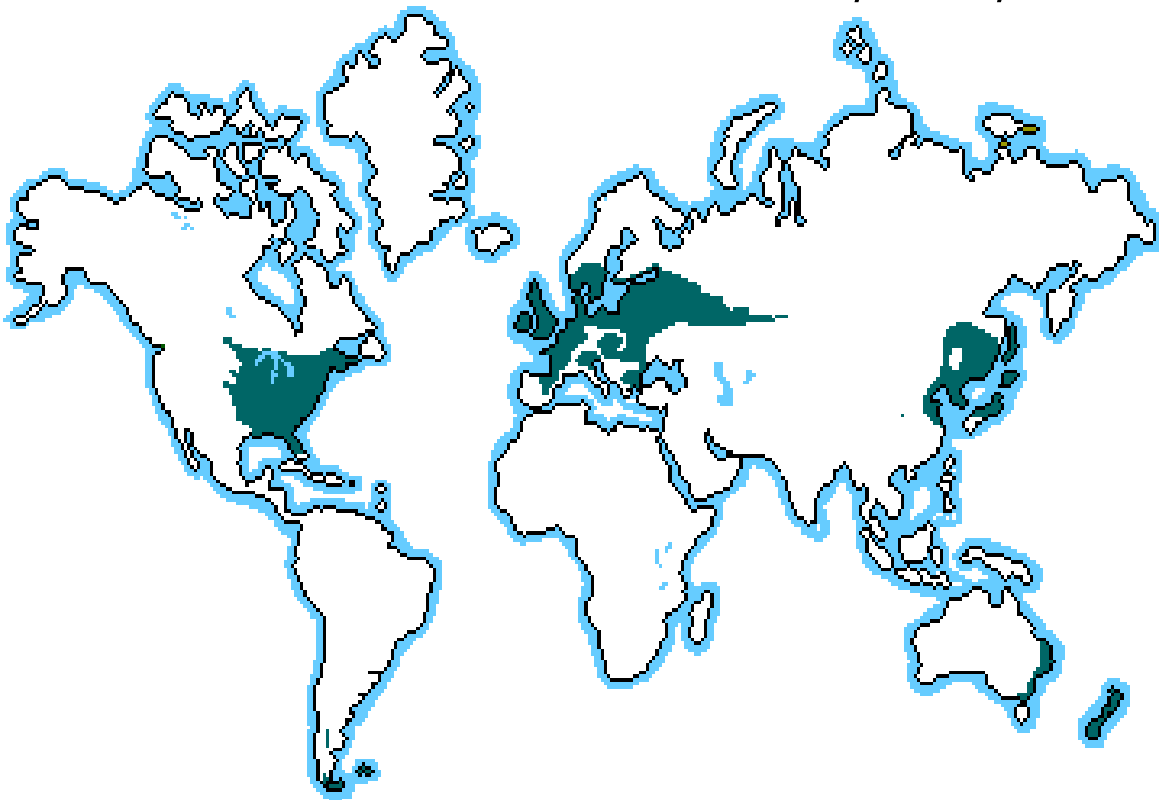
Madrid



Zaragoza

BIOMES (Deciduous forests)

- The deciduous forest has four distinct seasons, spring, summer, autumn, and winter. In the autumn the leaves change color. During the winter months the trees lose their leaves.
- Predominance of mammals: bears, foxes, wild boars and different birds.



BIOMES (Deciduous forests)

- The plants have adapted to the forests by leaning toward the sun. Soaking up the nutrients in the ground is also a way of adaptation.
- Dominated by deciduous trees: beech, oak, birch, chestnut ...
- There are shrubs, ferns, annual herbs, mosses...



beech in Jordan



Galicia

BIOMES (Laurel Forests)

- The biome of the Canary Islands are the laurel forests.
- The variety of species is not very high.
- It is characterized by evergreen trees which reach up to 40 meters in height.



Canary pine



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Laurel forest