









# Climate

## Europe

Climate maps show what the weather of a place is like over a period of time. They show the patterns of weather, such as hot, dry summers or cold, wet winters. This map shows the many different climate zones of Europe, which has great variety in spite of the continent's small size.

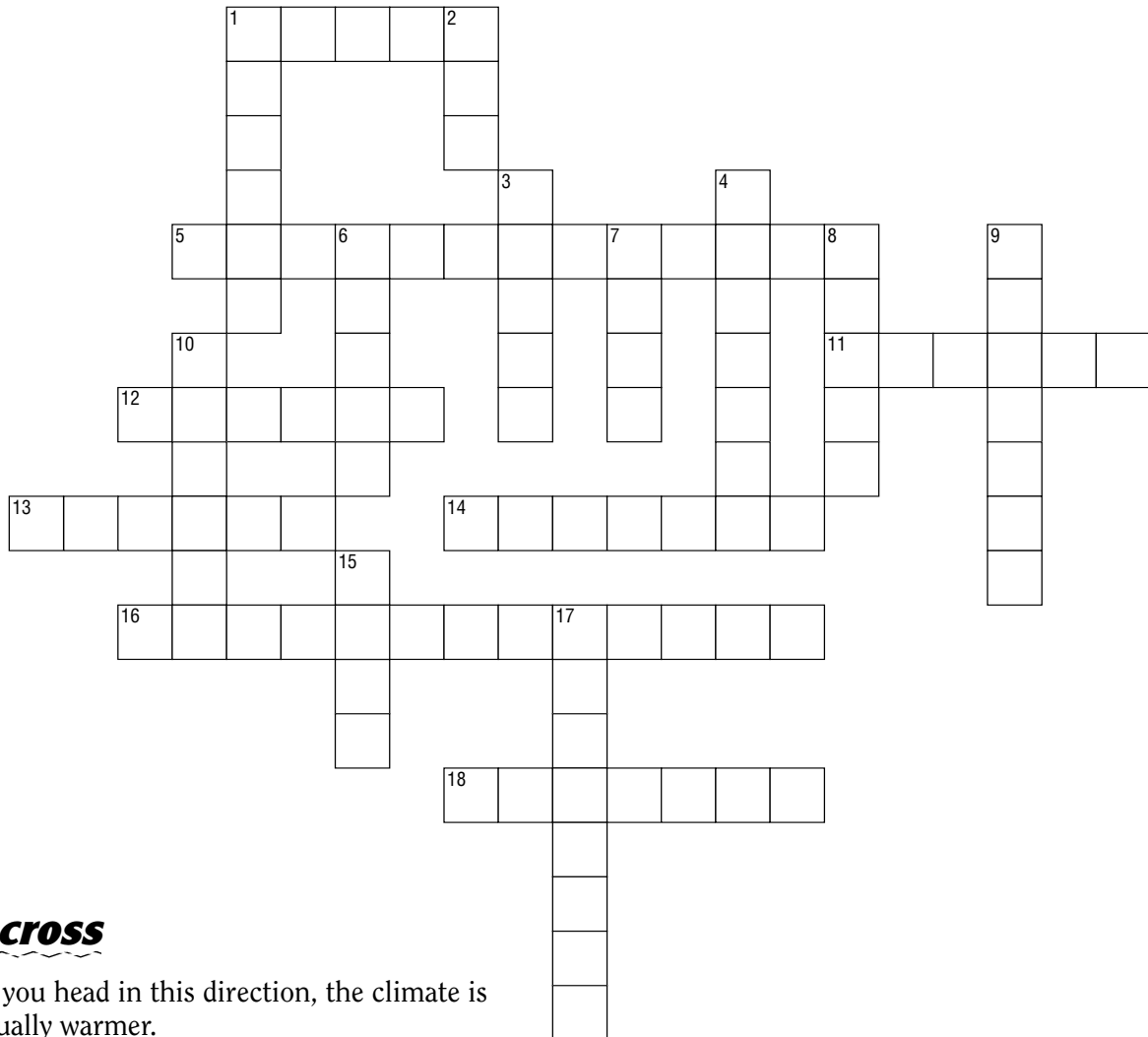


|  |  |  |  |
|--|--|--|--|
|  Very cold winter, cold summer, dry |  Highlands, temperature and precipitation vary with elevation |  Cold winter, hot or warm summer, wet |  Mild or warm winter, hot summer, wet |
|  Very cold winter, cool summer, wet |  Semi-dry, temperature varies with latitude                   |  Mild winter, cool summer, wet        |  Mild winter, wet, hot summer, dry    |

### **DID YOU KNOW?**

A current of warm water in the Atlantic Ocean called the North Atlantic Drift helps to moderate the climate of much of Europe. This warming current, a continuation of the Gulf Stream, explains why the weather in London, England, is much more mild than that in Calgary, Canada, even though these two cities are at about the same latitude.

# Climate



## Across

- 1 As you head in this direction, the climate is usually warmer.
- 5 Along this sea, summers are hot and dry.
- 11 These bodies of water carry rain water to the sea.
- 12 Above the line called the Arctic \_\_\_\_\_, it is cold all the time.
- 13 Sometimes this inland northern sea freezes so that you can skate on it!
- 14 This country, near the center of Europe, has mild winters.
- 16 A big word that means moisture that falls to earth.
- 18 "Climate" is the word we use to describe the \_\_\_\_\_ of a place over time.

## Down

- 1 During this season, the weather in much of Finland is cool and wet.
- 2 Summer in the south of Spain is \_\_\_\_\_.

- 3 The North Atlantic \_\_\_\_\_ brings warm water toward Europe.
- 4 Along the \_\_\_\_\_ coast of Europe, the weather is wet and mild most of the year.
- 6 If you like hot summers, you might get a kick out of visiting this boot-shaped country.
- 7 These tall mountains are covered with snow year round.
- 8 Even in summer, it is cold in the extreme \_\_\_\_\_ of Europe.
- 9 The climate on this island is so cold, its name even sounds chilly.
- 10 In southern Sweden, the season of \_\_\_\_\_ is cold.
- 15 Winters in northern Spain are \_\_\_\_\_.
- 17 Air blown from this ocean warms the British Isles.