



Weather Hazards: Global Atmospheric Circulation Map It Out

Section 1

Use an atlas to help you label or shade the following places the blank world map, found on the following page.

1. Equator
2. North and South Poles
3. Scilly Isles
4. Newfoundland
5. Atlantic Ocean
6. Gulf Stream
7. North Atlantic Drift
8. the Sahara Desert
9. the ITCZ
10. 0° to 30° north and south of the Equator
11. 30° to 60° north and south of the Equator
12. 60° to 90° north and south of the Equator
13. area covered by circulation of the Hadley cell
14. area covered by circulation of the Ferrel cell
15. area covered by circulation of the Polar cell
16. the polar front

Section 2

Use the letters below to label each of the following statements on your map in the correct place.

- a) without circulating water or wind, it would be too hot to live here
- b) without circulating water or wind, it would be too cold to live here
- c) islands in the Atlantic Ocean, 45km west of Cornwall
- d) an island in the Atlantic off the northeast coast of Canada
- e) rarely gets frost and winters are very mild
- f) winters are very cold – January temperatures average -9°C
- g) a warm stream of water circulating around the North Atlantic
- h) the warm stream of water that keeps the Scilly Isles warm
- i) the world's largest hot desert
- j) where tropical winds meet to produce cloud and heavy rain
- k) the area where heavy monsoon rains fall
- l) the front that brings rain to the UK and the North Atlantic





Weather Hazards: Global Atmospheric Circulation Map It Out

