BBC "The Weather" Video Series

***WIND***

Name:

1) The \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the fastest wind on earth

2) The \_\_\_\_\_\_\_\_\_\_\_\_ -**pause** is the top limit of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and it keeps a lid on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ below.

3) Wind is born in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, an area of complete calm, \_\_\_\_\_\_\_\_\_\_\_\_degrees north and south of the Equator.

4) Without the movement of air by the winds and convections cells, the equator would be \_\_\_\_\_\_\_\_\_\_\_\_\_ warmer and the poles, \_\_\_\_\_\_\_\_\_\_\_\_\_ cooler.

5) Wind is measured by the ­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it exerts on an object.

6) A \_\_\_\_\_ on the Beaufort scale means wind speeds of up to \_\_\_\_\_\_\_\_\_\_\_, causing widespread

destruction including housed demolished and trees flattened.

7) Like all hurricanes, Andrew began life off the coast of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the\_\_\_\_\_\_\_\_\_\_\_ waters

of the tropical \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8) All tropical storms are fueled by \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9) The **highest** winds of the hurricane are just beyond the ­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

10) The Jet stream is described as a massive \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ \_\_\_\_\_\_\_\_\_ 125 miles wide that circles the whole planet at up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mph.

11) There are\_\_\_\_\_\_\_ jet streams, between \_\_\_\_\_\_\_\_\_\_\_\_\_ miles up that mark the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between wind cells, where a spinning unpredictable (unstable) tube of air is created.

12) Tornadoes form in huge rotating thunderstorms known as \_\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_\_, that rise as much as \_\_\_\_\_\_ miles into the sky where they encounter the \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

13) The turbulence within this giant cell causes the wind to \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ itself, creating a horizontal \_\_\_\_\_\_\_\_\_\_\_\_\_ of air. Eventually this is pushed to vertical and a \_\_\_\_\_\_\_\_\_\_\_\_ is born.

14) When the wind pushes against the water, the result is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

15) You can tell the size of an ocean by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ a wave breaks in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.

16) The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the wind blows on a wave, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it becomes and the more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from other waves.

17) The storm of 79, known as the \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_, was associated with a freak meteorological phenomenon where a tongue of \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ air high in the stratosphere, known as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ forced itself down into the heart of the storm.

18) The storm then \_\_\_\_\_\_\_\_\_\_\_\_\_\_ into several systems, each with the force of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

19) The fastest wind of them all the \_\_\_\_\_\_\_\_\_\_\_\_ wind, is a barrage of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ particles out in space, that at its fastest, travels \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

20) Because it has so few particles in it, it wouldn't even \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.

21) The earth's \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ field draws these particles down over the \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_.

22) When they hit the atmosphere, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is created.

23) This wind shows us that the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that drive our weather do not stop at the

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

24) The winds that left the equator have taken about \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to enter the last of the big wind cells.