



Name: _____

Weather Unit Review - Crossword

Instructions: Use the clues provided to solve the crossword puzzle.

Across:

4. A _____ storm with winds of 119 km per hour or higher and as large as 600 km across is called a hurricane
7. This forms when air masses meet
9. This falls when humid air cools below 32 degrees Celsius
11. The center of a hurricane is called the _____
12. Air pressure decreases as altitude _____
13. A flood _____ means that flooding is possible
14. This measures air pressure
16. The most common kind of precipitation
17. This is the point at which condensation begins
19. Clouds form because water vapor in the air
21. Cold fronts usually cause rapid weather changes such as _____ temperatures
23. When a warm air mass moves up the side of a mountain it will most likely precipitate on the _____ side
24. _____ are highest in the tropical zone because the sun's rays strike most directly
25. Most flash floods are caused by heavy _____
27. A small area with specific climate conditions may have its own _____
28. Prevailing winds and the presence of mountains are the two main factors that affect
29. The movement of air from land to a body of water is called a _____
30. An air mass that forms over an ocean is called _____

Down:

1. In the Northern Hemisphere, global winds that blow from the southwest to the northeast are called _____
2. _____ that strike the East Coast of the United States are most common in the months of May, June and July
3. The most abundant gas in the atmosphere
5. _____, Evaporation and transpiration are all parts of the water cycle process
6. All winds are caused by differences in air _____
8. The three main types of clouds are cumulus, cirrus and _____
10. The conditions of Earth's atmosphere at a particular time and place make up the _____
13. This is used to measure wind direction
15. This is when two cool air masses cut a warm air mass off from the ground. This is what kind of front _____
18. The inner layer, or _____
19. This type of air mass forms over land
20. This effect causes the winds to curve due to the Earth's rotation
22. This is a very large tropical storm with high winds
26. This is used to measure relative humidity
33. This is the process by which water molecules escape into the air as water vapor
34. As the density of air decreases, its pressure _____

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