

Fronts and Storms Vocabulary Words

Vocabulary Word	Actual Definition	Your Definition	Example/Picture
1. Fluid	Anything that flows and fills a container such as a liquid or a gas.		
2. Front	The boundary separating two or more different types of air masses.		
3. Cold Front	On the edge of a cooler air mass, replaces or overtakes a warmer air mass.		
4. Warm Front	On the edge of a warm air mass overtaking a cooler, slower air mass.		
5. Occluded Front	Is formed when a cold front overtakes a warm front and in the process "cuts off" the warm from contact with the ground.		
6. Stationary Front	The boundary between two different air masses, neither of which is strong enough to replace the other.		
7. Air Mass	A huge body of air that forms over a region characterizing it with similar temperature, humidity and pressure at any given height.		
8. High Pressure System	An area where the atmospheric pressure is greater than the rest of the atmosphere.		
9. Low Pressure System	An area where the atmospheric pressure is lowest compared to the surrounding area. Storms are called low-pressure cells.		
10. Storm	Any disturbance in the atmosphere, especially affecting its surface, and strongly implying severe weather marked by strong wind, thunder, lightning, and heavy precipitation.		
11. Thunder	A sonic shock wave (sonic boom) created from the rapid expansion and explosion of the air molecules surrounding and within a bolt of lightning, due to increase pressure and temperature.		
12. Lightning	An electrostatic discharge or the sudden and momentary flow of electric charge through the atmosphere between the clouds and the ground.		
13. Thunderstorm	A weather phenomena that results from the rapid upward movement of warm, moist air inside air masses or at fronts.		
14. Tornado	A violent, dangerous, rotating column of air that is in contact with both the		

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	surface of the earth and a cumulonimbus cloud.		
15. Hurricane	Another name for a tropical cyclone that typically forms in the Atlantic Ocean.		
16. Storm Surge	An offshore rise of water caused primarily by high winds pushing on the ocean's surface which force the water to pile up higher than the ordinary sea level.		
17. Tropical Cyclone	A storm system that develops over large bodies of warm water; it is a low pressure system surrounded by rotating thunderstorms that produce strong winds and heavy rain which can also produce high waves, damaging storm surge, as well as spawning tornadoes.		
18. Typhoon	A name given to a tropical cyclone that typically forms in the western Pacific and Indian Oceans.		