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  - a) The collision of a warm front (low pressure) and a cold front (high pressure) and the condensation of water.



-What happens when a cold air mass moves into an area of warm air?

- a) The warm air rises, there is a drop in temperature, tall billowy clouds form and rain



a) A rotating funnel shape cloud with a low pressure closure that touches the ground.



a) The Earth spinning and the low pressure in the center of the rotation pulls in more air making it spin faster.



a) Tornado Alley. A cold, dry air mass moves south from Canada and a warm, humid air mass moves north from the Gulf of Mexico and they meet in Tornado Alley.





-Cause and Effect: What causes the size of hurricanes to increase?→

a) Warm air rises quicker and quicker being replaced with a larger amounts of cold air. More water evaporates from the ocean and condenses as it cools which lowers the pressure in the middle even more, creating faster winds.



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