Title: Concentration of Tornadoes in the Middle States of the US

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Abstract: Tornadoes are a Natural disaster that is a product of many elements and outside factors in severe thunderstorms. The recipe for what makes are tornado form is a complex one. Tornadoes are prone to most commonly form between April and June, also the state most well know to host tornadoes are Texas, Oklahoma, Kansas, Nebraska, South Dakota, North Dakota, Louisiana, Arkansas, Missouri, and Iowa. Tornadoes are so well know in this region it is referred to as tornado alley. Tornadoes may form in other areas but it is not as common so my focus of this paper is to find out what makes tornado alley so prone to product tornadoes vs. the rest of the United States, through analyzing tornado baring conditions and climates amongst these states in comparison to the rest of the US. The method will be to discover the physics of a Tornado and the conditions of the atmosphere that start their production, then a overview and look into the weather and climate of the states that consist of tornado alley and analysis on what these states may or may not have in common. Then to compare those trends to what makes that area special in comparison to the rest of the US. All results will be displayed in frequency charts and tables, then a conclusion will be made on what makes these states a hot spot for tornadoes based on the results.