

The October 26, 2010 Event Across Central Indiana

Michael Koch

National Weather Service, Indianapolis, Indiana

On October 26, 2010, widespread wind damage occurred across Central Indiana as a very potent system moved across the lower Great Lakes. In addition, there were 2 confirmed weak tornadoes. It was a classic severe weather cool season (October to March) event with very strong shear but only weak instability compared to warm season. Many times, stronger tornadoes occur during cool season severe weather events. We will review the environmental and radar data as well as the warnings issued by the Indianapolis office to see if operations can be improved upon in a similar event in the future, and to see if there were any clues that significant tornadoes (EF2 or stronger on the Enhanced Fujita Scale) were not likely to occur across Central Indiana.