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Climavision Brings First Kansas Radar Online

Humboldt radar fills crucial gap in area prone to severe weather events

LOUISVILLE, KY AND HUMBOLDT, KS – Climate tech pioneer Climavision is bolstering its network of weather radars across Middle America with a new installation in Allen County, Kansas slated to go online this month. The company's new radar in Humboldt fills a critical low-level coverage gap in Eastern Kansas, further contributing to the company's advanced supplemental radar network across the United States. The installation sits roughly 90 miles southeast of the state capital Topeka and 70 miles northwest of Joplin, Missouri.

Since the 1990s, the National Weather Service has monitored severe weather in the region using NEXRAD S-band radars located in Wichita and Kansas City. However, low-level coverage voids can exist between these systems as the radar beam moves higher in the atmosphere the further it gets from the radar location. This leaves some areas - including Eastern Kansas - exposed to weather phenomena that often happen in the lower atmosphere such as flash flooding, sleet, snow squalls, and tornadoes.

That's why Louisville-based Climavision is installing its own network of weather radars to provide a new level of surveillance between NEXRAD sites. Climavision's dual-polarization, X-Band weather radar is designed specifically to fill these gaps to provide the highest resolution view of what's happening nearest to the ground.

That insight helps weather-sensitive industries, commercial forecasters, and emergency officials better plan, prepare, and respond to volatile weather situations. The Weather Act Reauthorization, recently passed by the US House Committee, encourages the National Weather Service to utilize commercial providers like Climavision, and the National Weather Service has already gained access to data from some of Climavision's previously installed sites under a contract signed in late 2023.

"This new radar in Humboldt is a critical piece of our developing network," said Chris Goode, co-founder and CEO of Climavision. "This is a part of the country that's especially prone to severe weather. With this new radar we'll be able to track storms as they move from the plains and toward major metro areas like Kansas City."

While all warnings and notices will continue to come through official National Weather Service channels, the system will provide critical real-time weather data to assist government officials in their storm response decision making.

The Humboldt installation is the first of three Climavision radar planned in the state, and it joins several other systems already in operation across the country and the Midwest. Nationally, Climavision plans to have at least 50 radars online by year end, eventually scaling the network to more than 200 radar systems.

Members of the media can download a map showing the coverage areas of the Kansas radar, as well as photos, here: KS Media Kit. Attribute all assets to Climavision.

About Climavision

Climavision brings together the power of a proprietary, high resolution weather radar and satellite network, combined with advanced weather prediction modelling and decades of industry expertise, to close significant weather observation gaps and drastically improve forecast speed and accuracy. Climavision's revolutionary new approach to climate technology is poised to help reduce the economic risks of volatile weather on companies, governments, and communities alike. Climavision is backed by The Rise Fund, the world's largest global impact platform committed to achieving measurable, positive social and environmental outcomes alongside competitive financial returns. The company is headquartered in Louisville, KY, with research and development operations in Raleigh, NC. To learn more, visit www.Climavision.com.

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