



Chicago, IL

Derecho

July 15, 2024

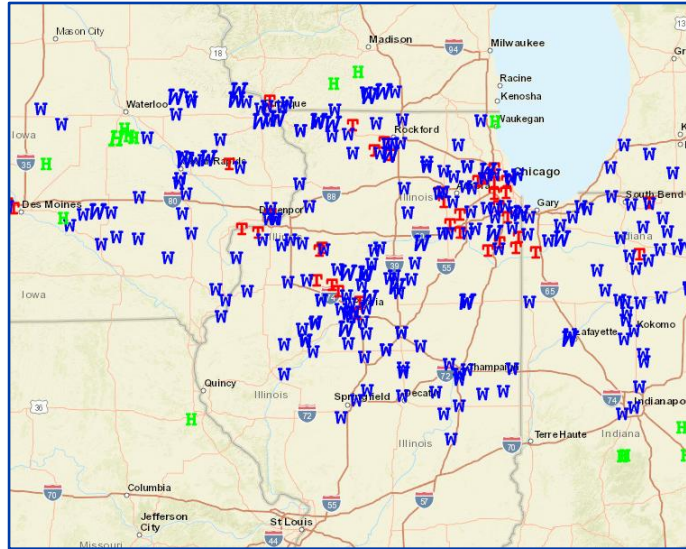
Chicago Area Derecho

A strong mid-July derecho slammed through the Chicago metro area, bringing significant damage and spinning off several tornadoes. Many areas saw large trees uprooted, like the West Town area, and the Illinois Rock and Roll Museum and Joliet sustained damage as well. Climavision's HIREs model captured the impending event with clarity, providing enhanced warning for the magnitude and strength of the storm.

Note: each SPC wind report is 50+ knots, or ~58+ mph (severe storm threshold).



Credit: WBEZ



SPC Storm Reports



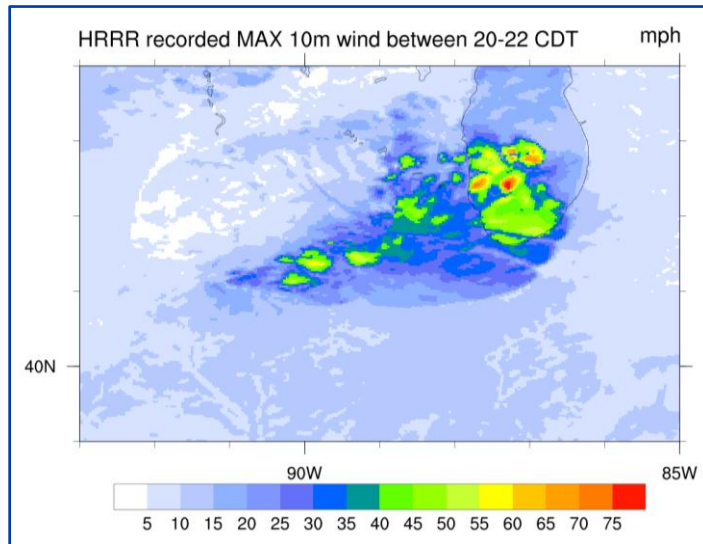
Credit: FOX Weather

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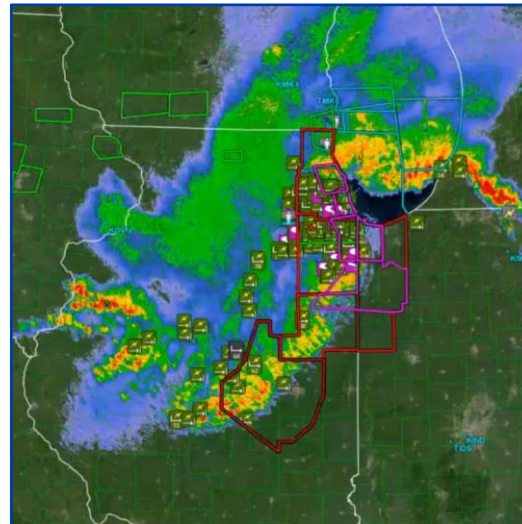
Chicago Area Derecho

The HRRR model's coverage of the derecho event was rather spotty, with severe threshold winds (58+ mph) only occurring over Lake Michigan and small, spotty locations over land. Climavision's HIREs displays accuracy and precision in forecasting severe threshold winds across several areas that sustained damage on Monday, July 15th.

HRRR



KLOT Radar Loop + Storm Reports



HORIZON AI - HIREs

