

## Significant severe outbreaks

P9.140

### 1 June 2011 – Springfield, MA EF3 Tornado













28 April 2002 – La Plata, MD F4 Tornado











![](_page_0_Picture_16.jpeg)

# **Forecast busts**

## 11 May 2003 – The end of a multi-day historical tornado outbreak

winds (knots) 850 12Z11MAY2003

![](_page_0_Picture_19.jpeg)

![](_page_0_Picture_20.jpeg)

![](_page_0_Picture_21.jpeg)

![](_page_0_Picture_22.jpeg)

![](_page_0_Picture_23.jpeg)

![](_page_0_Picture_24.jpeg)

![](_page_0_Picture_25.jpeg)

![](_page_0_Picture_26.jpeg)

![](_page_0_Picture_27.jpeg)

![](_page_0_Picture_28.jpeg)

![](_page_0_Picture_29.jpeg)

![](_page_0_Picture_30.jpeg)

![](_page_0_Picture_31.jpeg)

## Identifying key features to predict significant severe weather outbreaks in the northeastern U.S.

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![](_page_0_Picture_35.jpeg)

![](_page_0_Picture_36.jpeg)

![](_page_0_Picture_37.jpeg)

![](_page_0_Picture_38.jpeg)

![](_page_0_Picture_39.jpeg)

![](_page_0_Picture_40.jpeg)

![](_page_0_Picture_41.jpeg)

![](_page_0_Picture_42.jpeg)

![](_page_0_Picture_43.jpeg)

![](_page_0_Picture_44.jpeg)

![](_page_0_Picture_45.jpeg)

![](_page_0_Figure_46.jpeg)

![](_page_0_Figure_47.jpeg)

![](_page_0_Picture_49.jpeg)

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![](_page_0_Picture_51.jpeg)