



# Tornadoes!



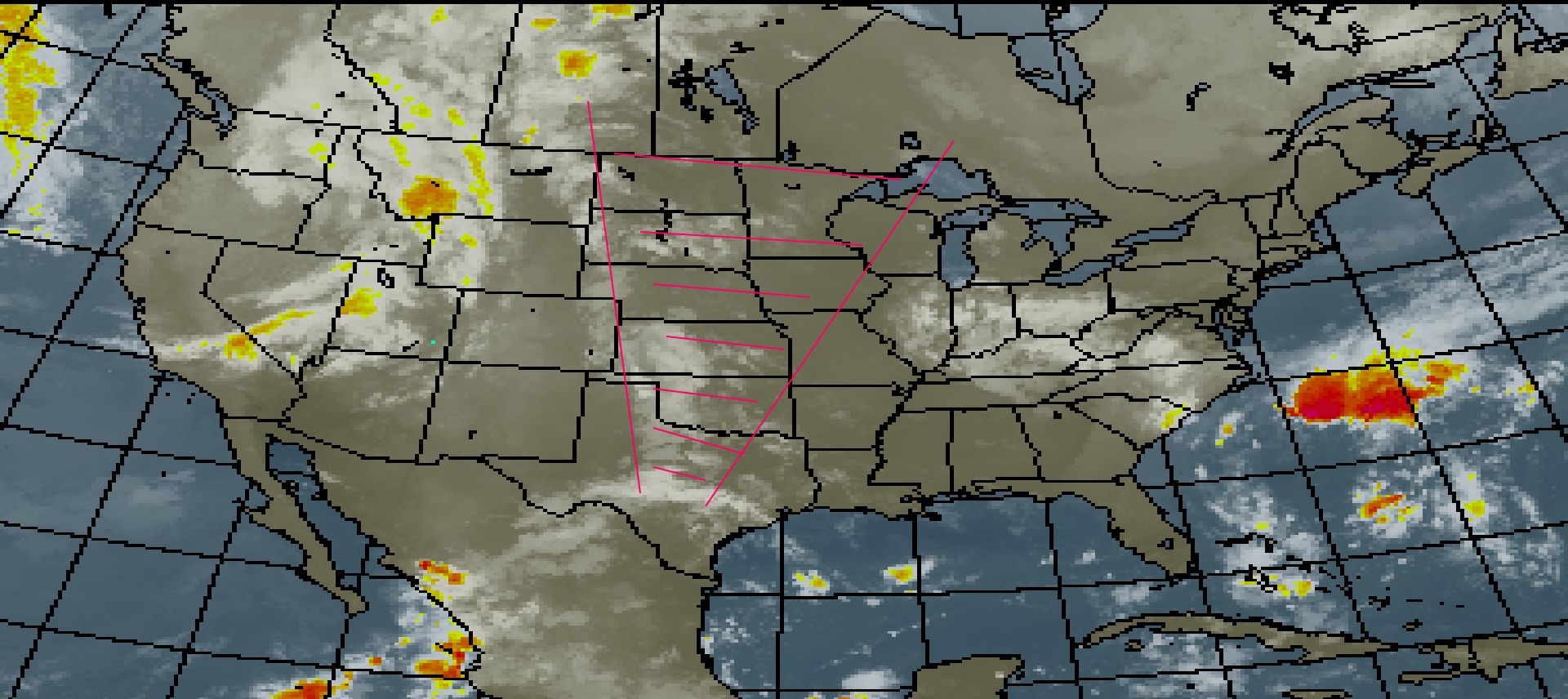
By: Mr. Thomas



# Location:

- Most tornadoes occur in the USA
  - *Tornado Alley!!*
- Others occur in Australia & Europe

13:30 08-SEP-2003 GHT ©HSI <http://www.usi.com>



# What is a tornado?

- A spiraling column of air that descends from a severe thunderstorm, called a *supercell*.



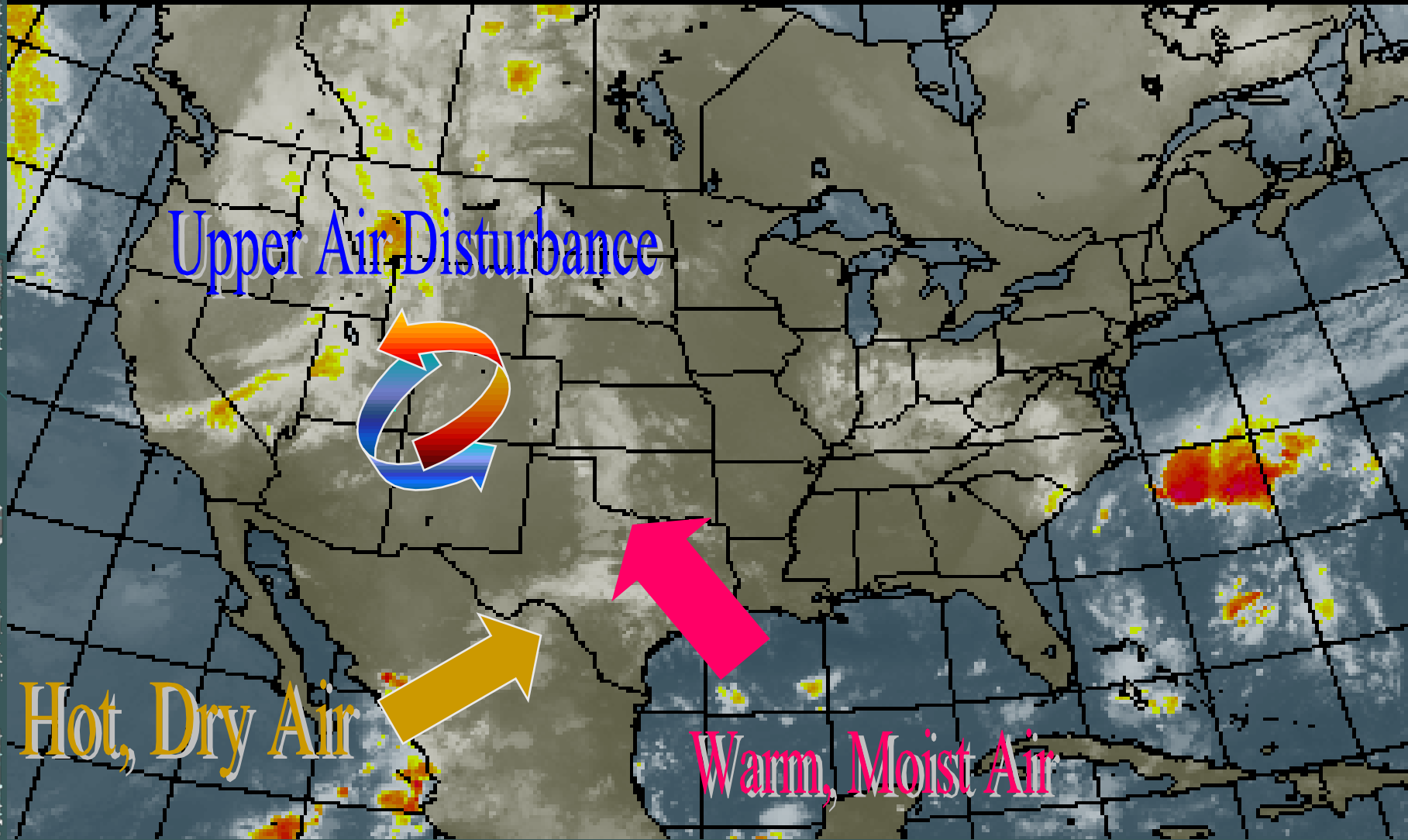
# How are tornadoes ranked?

## Tornado Intensity Scale: The Fujita Scale of "F-scale"

- F0: 40-72 - Damage to chimneys, branches break off. Shallow rooted trees pushed over.
- ▶ F1: 73-112 - Mobile homes overturned, cars pushed off roads.
- ▶ F2: 113-157 - Roofs torn from frame houses, mobile homes demolished, large trees uprooted.
- ▶ F3: 158-206 - Roofs torn off well built houses, trains overturned, most trees uprooted, heavy
- ▶ F4: 207-260 - Well built houses leveled, cars thrown and large missiles generated.
- ▶ F5: 261-318 - Strong frame houses disintegrated, debris carried considerable distances, automomo

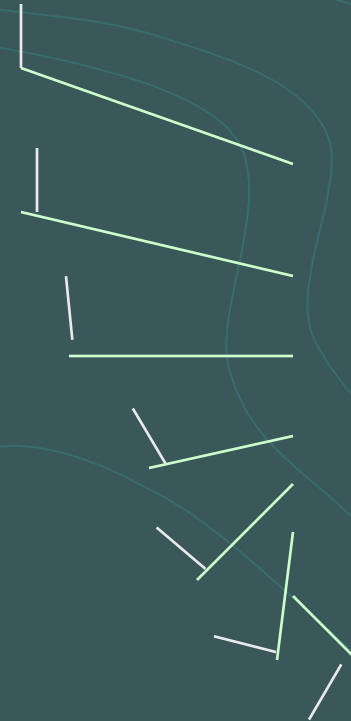
# What atmospheric conditions favor tornadoes?

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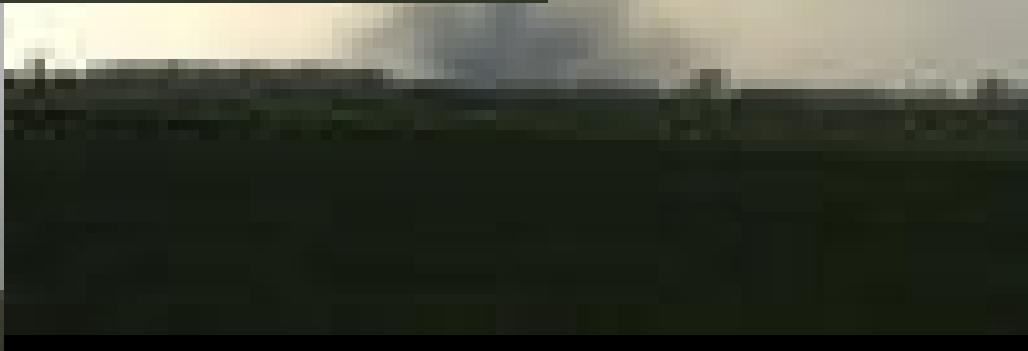


# One More Ingredient... *WIND*

***Speed Shear!!***



*When all of  
these ingredients  
come together*





# Pictures of tornado aftermath...



**So what should  
you do when  
there is a**

**Go chasing!!!!**





Any Questions??

(Once the standing ovation is over)