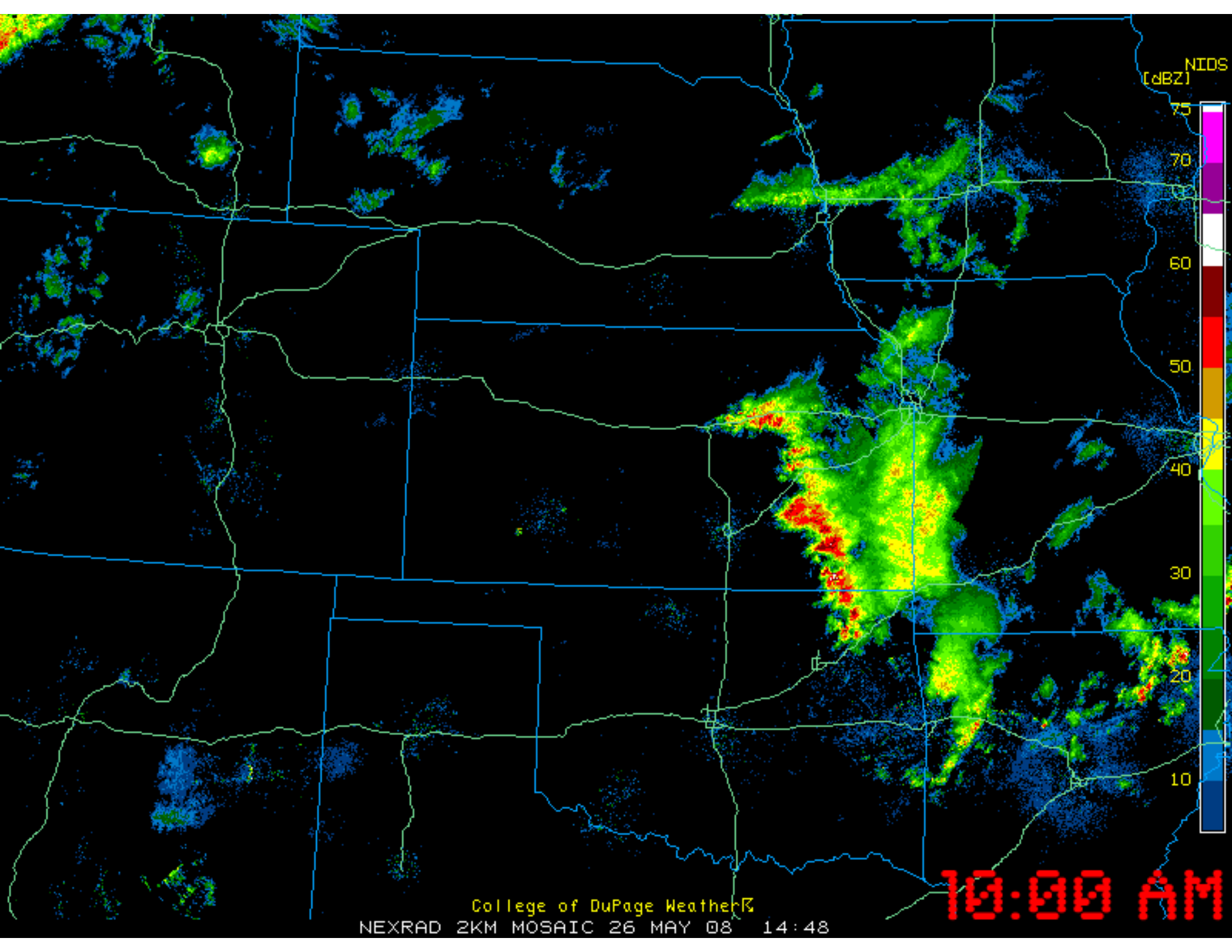


Understanding Severe Weather Processes

Michael Coniglio
Hazardous Weather Forecasts &
Warnings





NIDS
[dBZ]

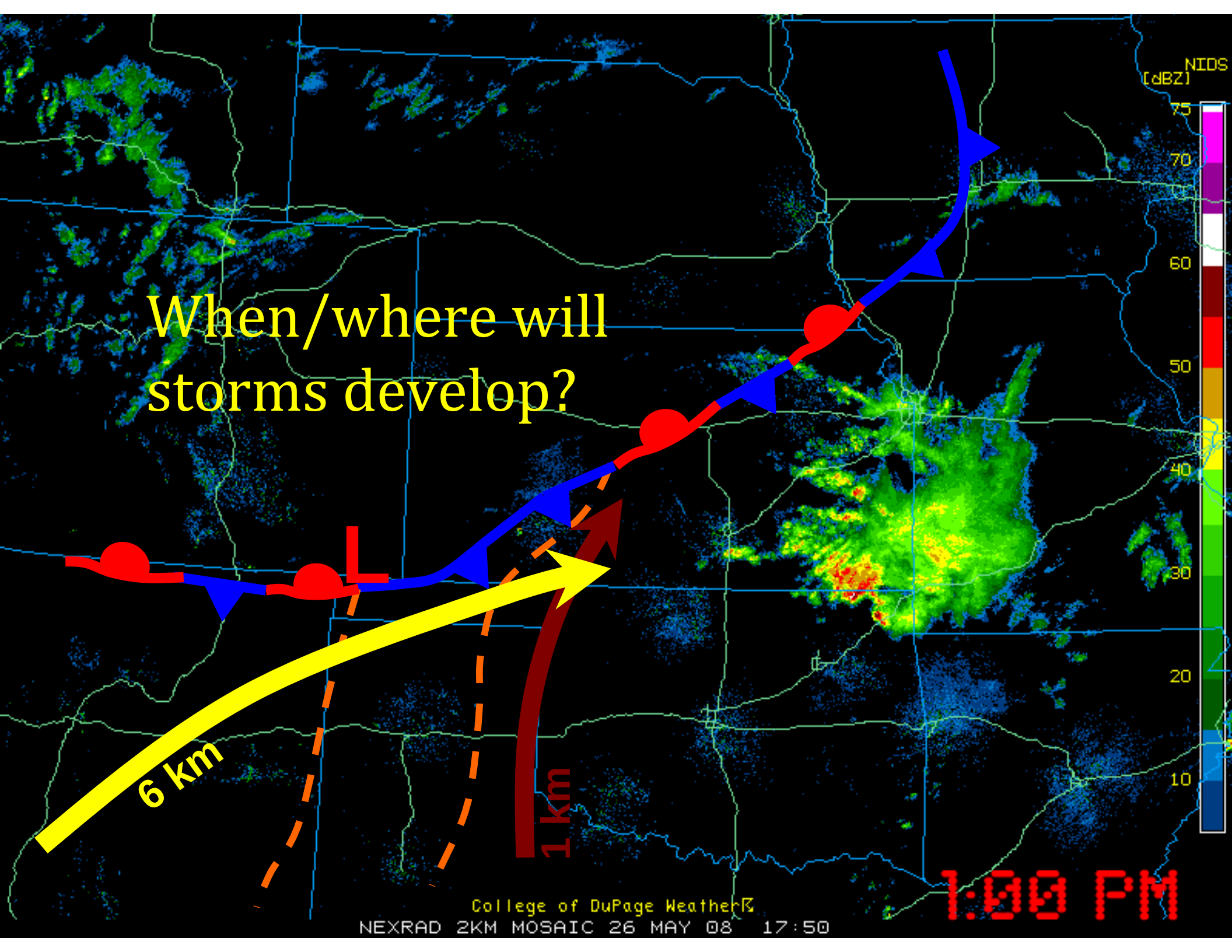
75
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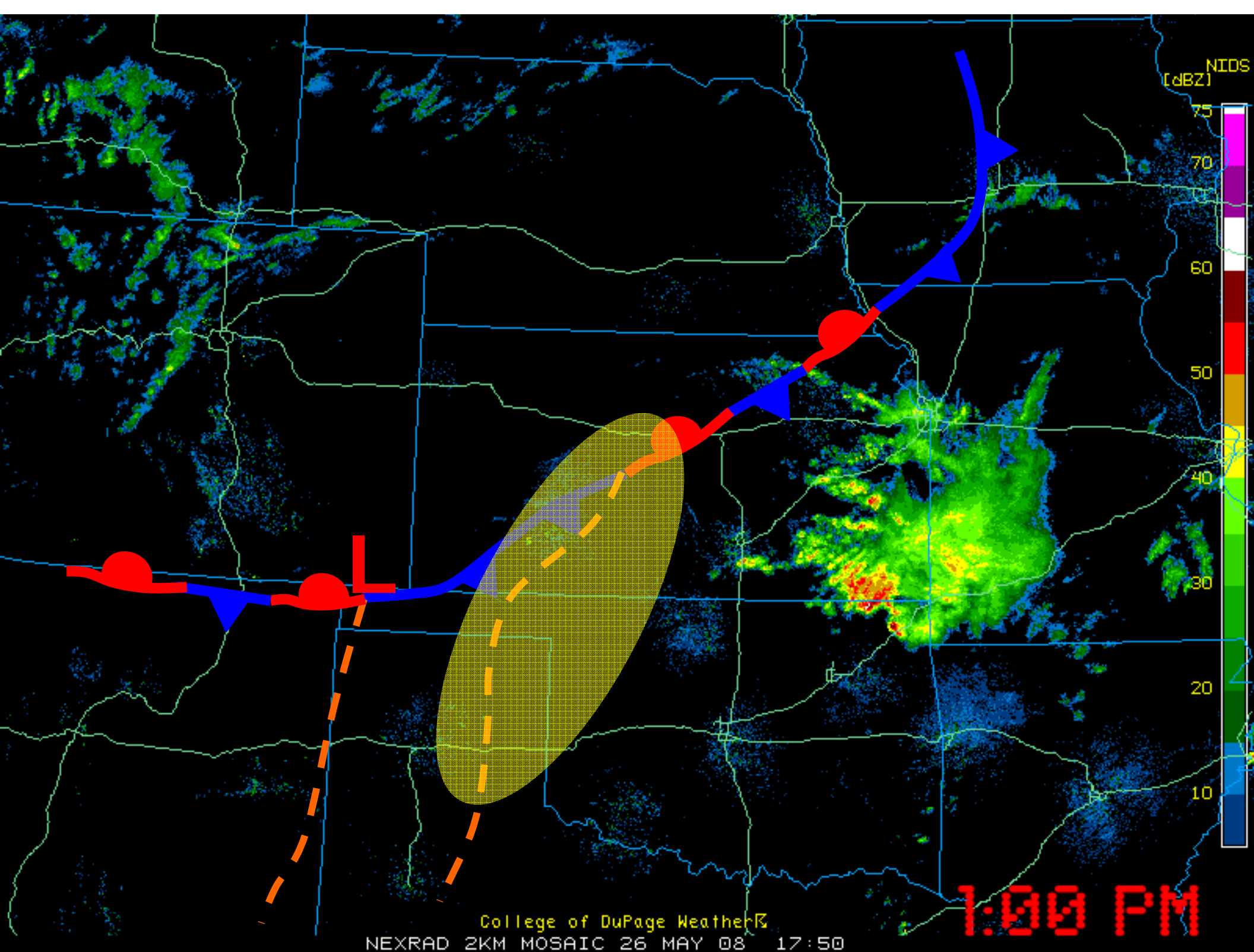
College of DuPage Weather

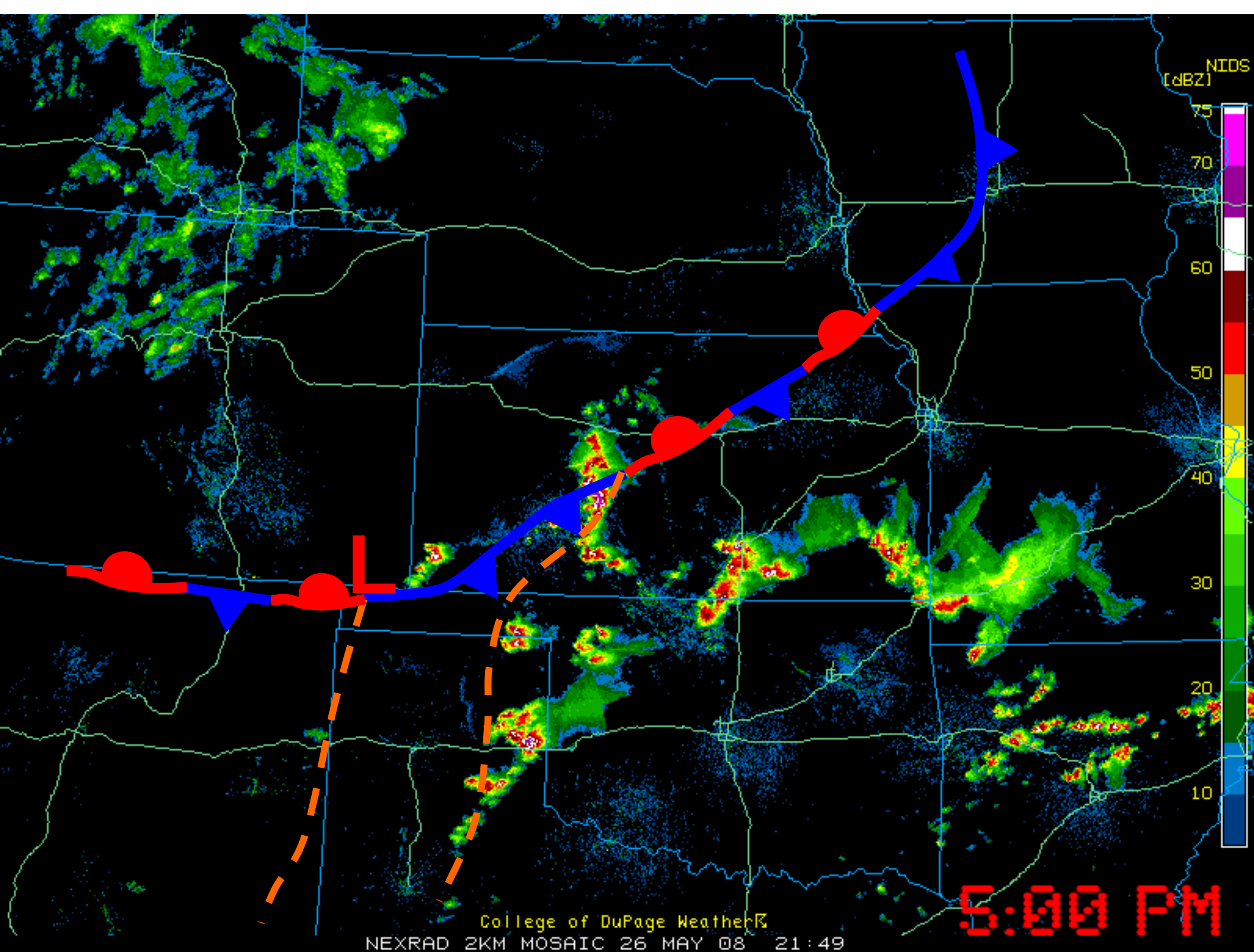
NEXRAD 2KM MOSAIC 26 MAY 08 14:48

10:00 AM

When/where will
storms develop?

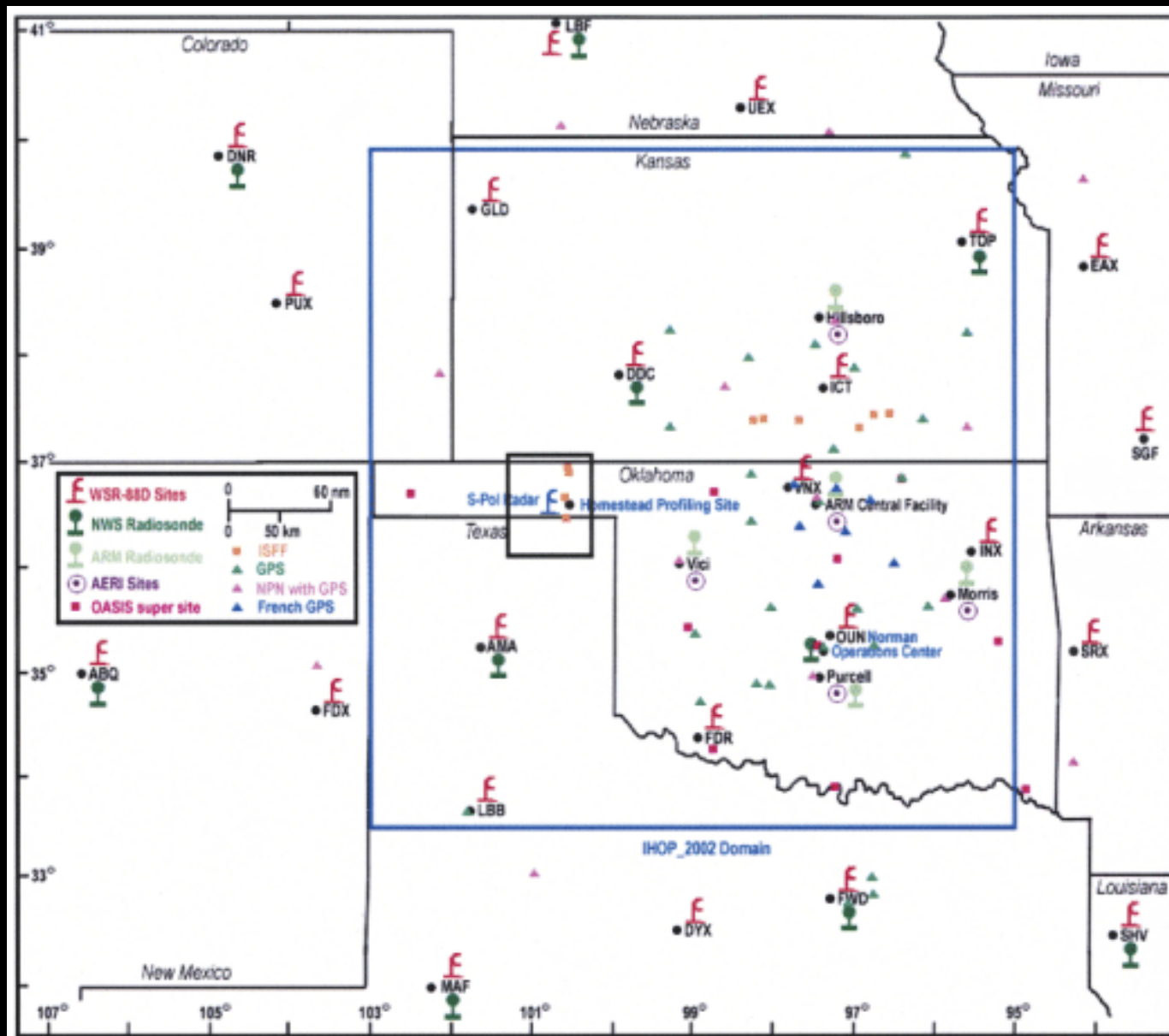


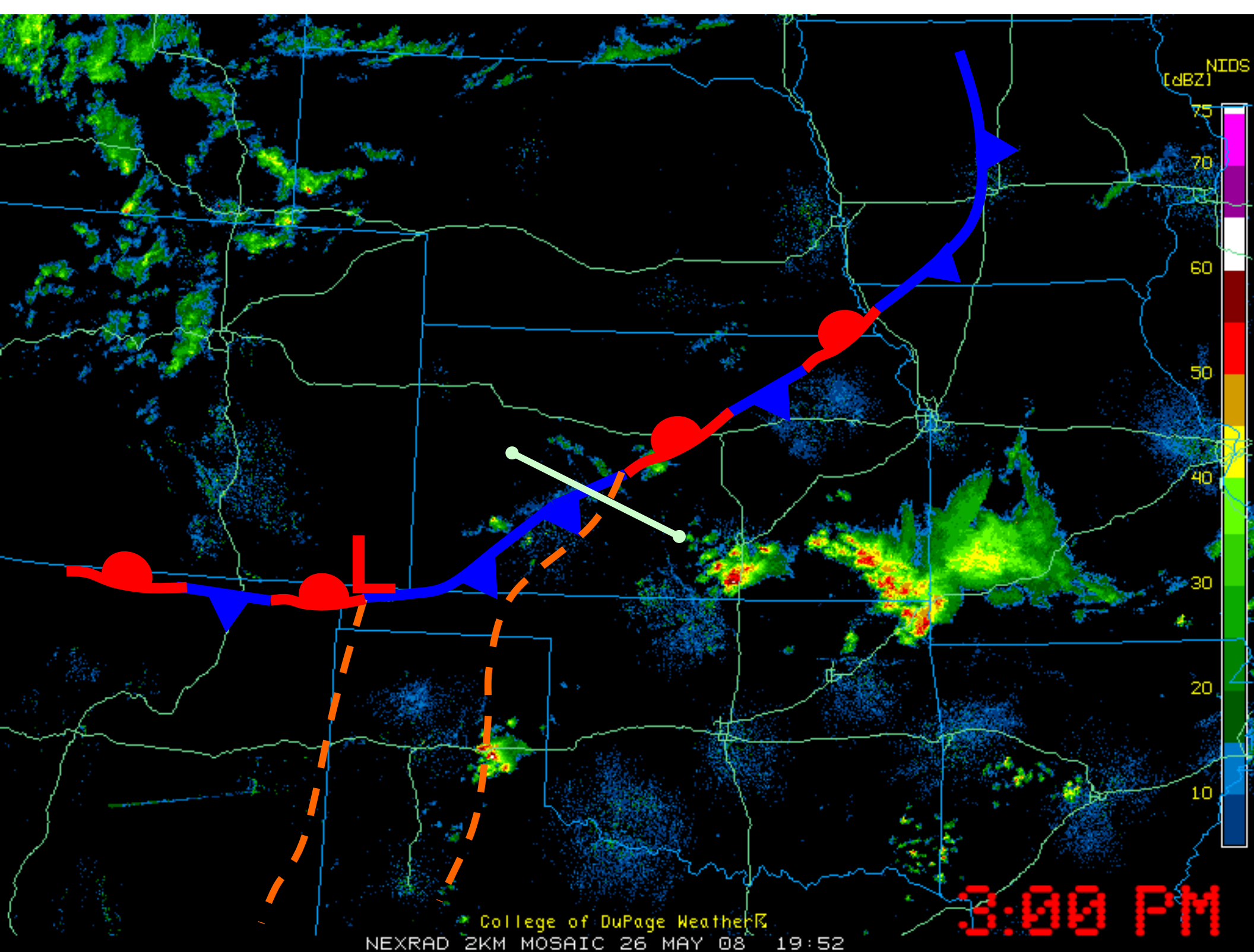




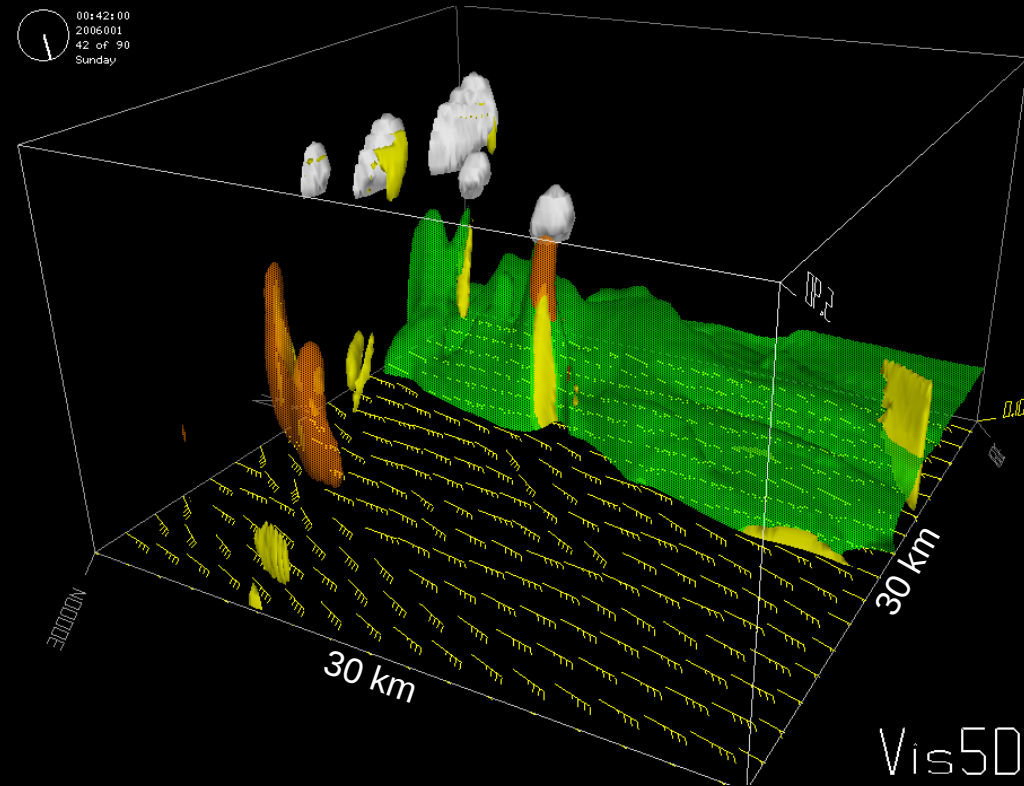
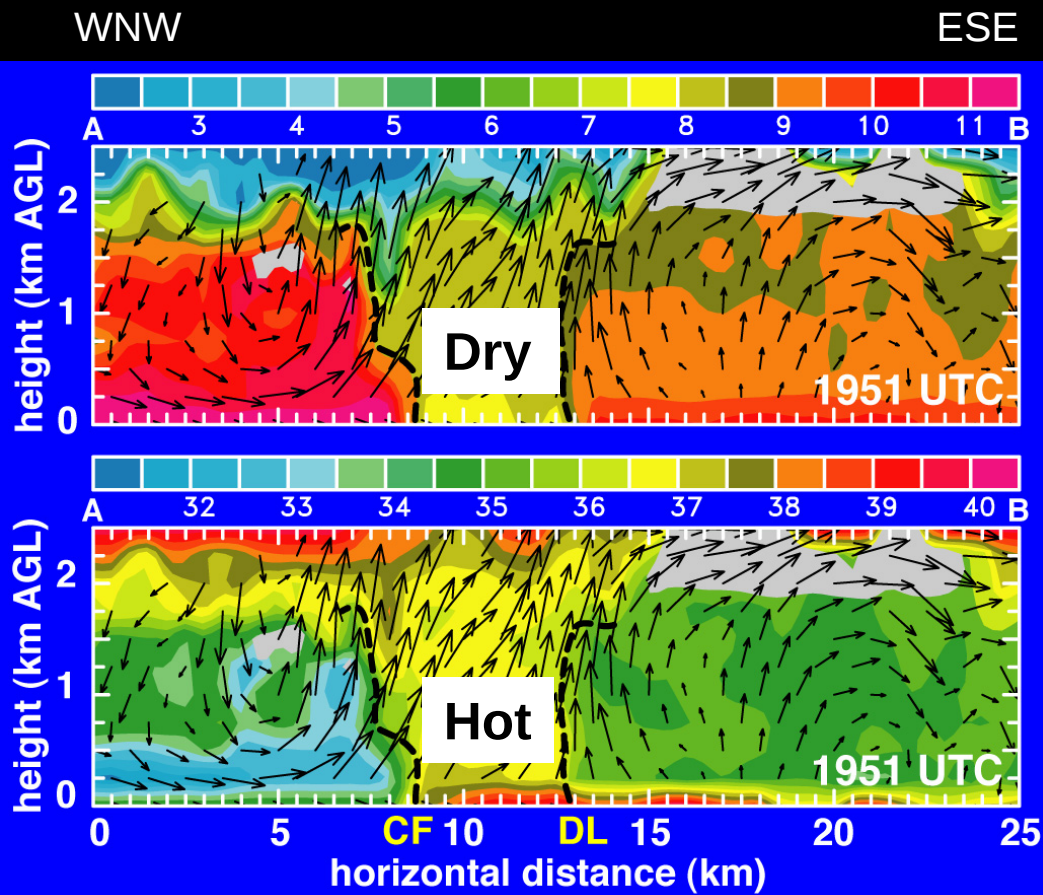


NSSL major contributor to



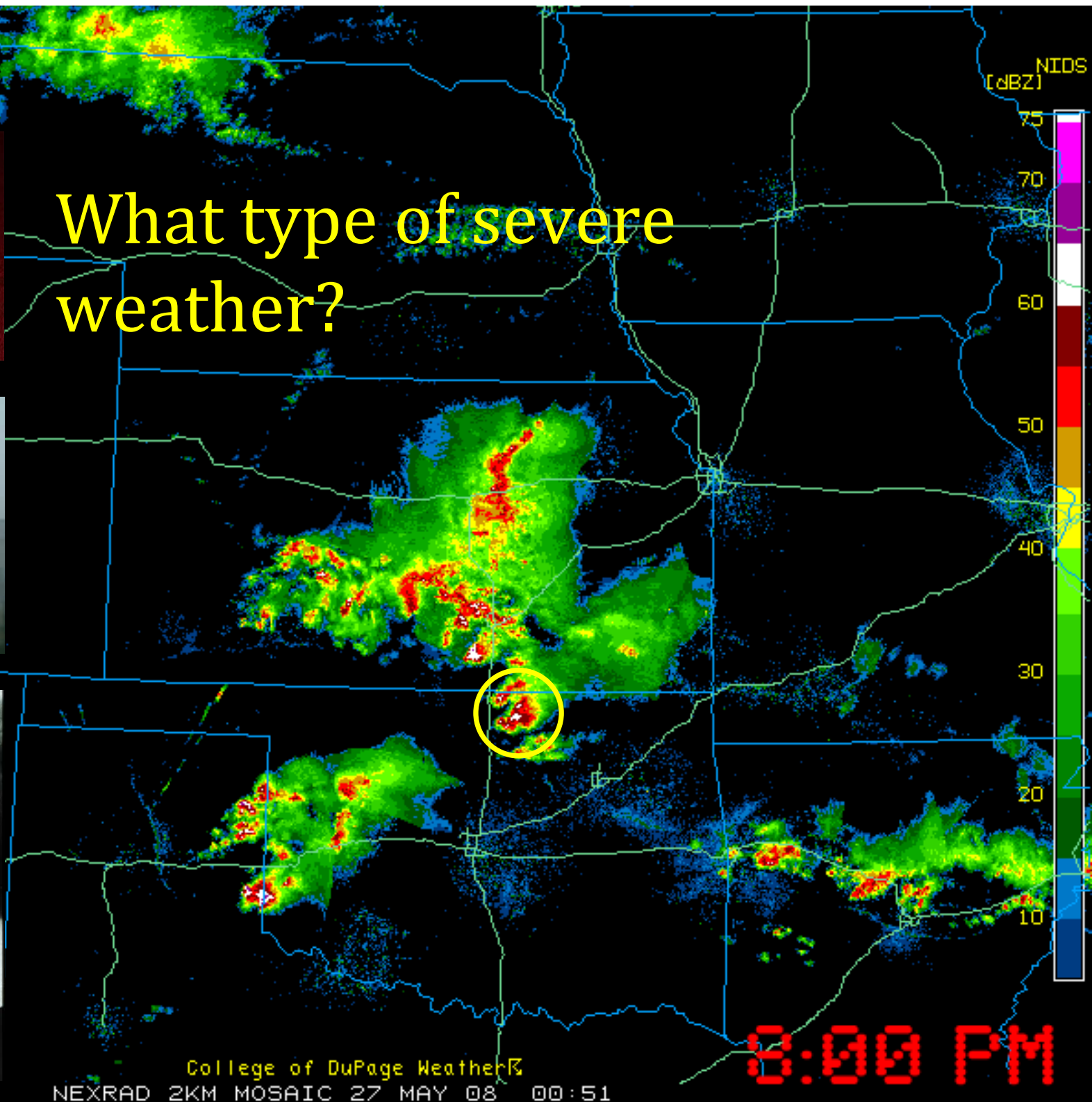


Understanding How Storms Develop



Vis5D
C. Ziegler

What type of severe weather?



Understanding Storm Structure & Evolution



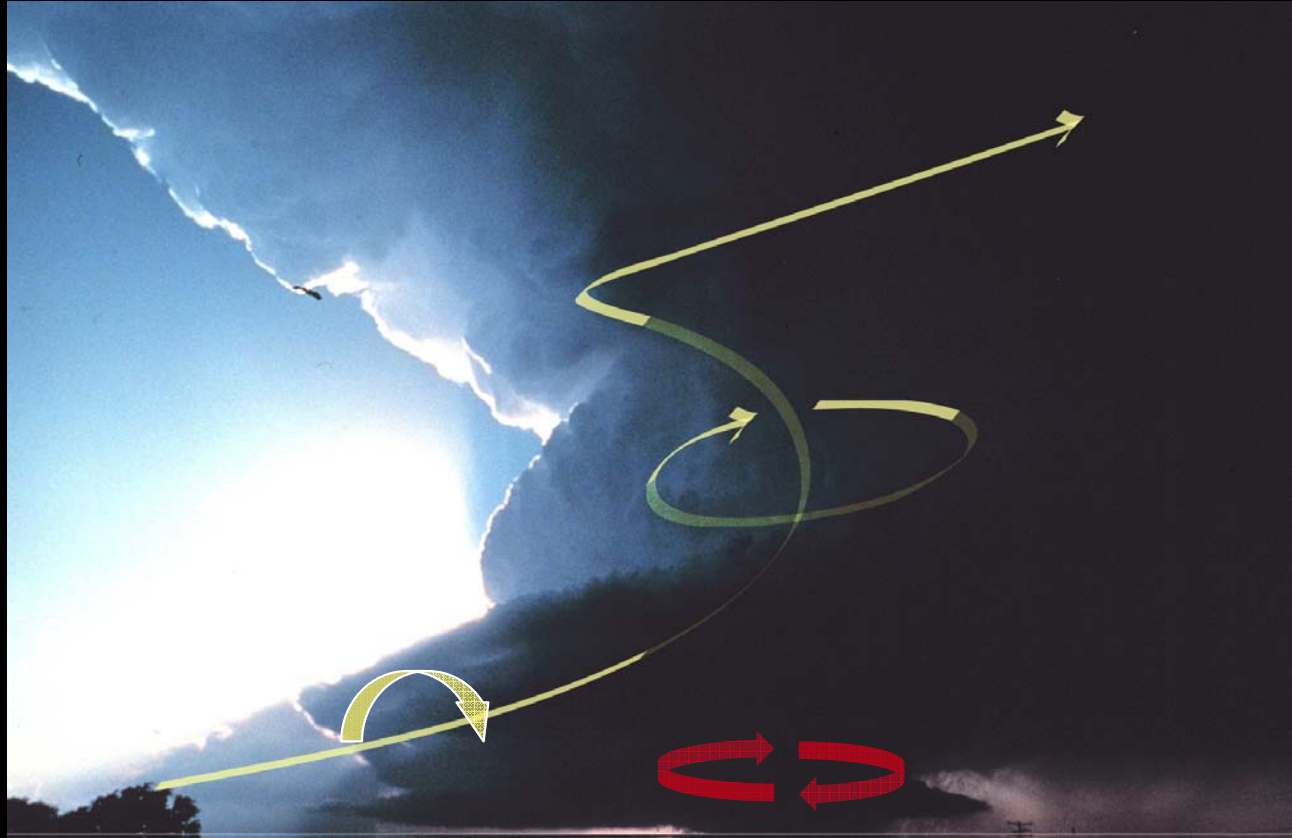
Understanding Storm Structure & Evolution



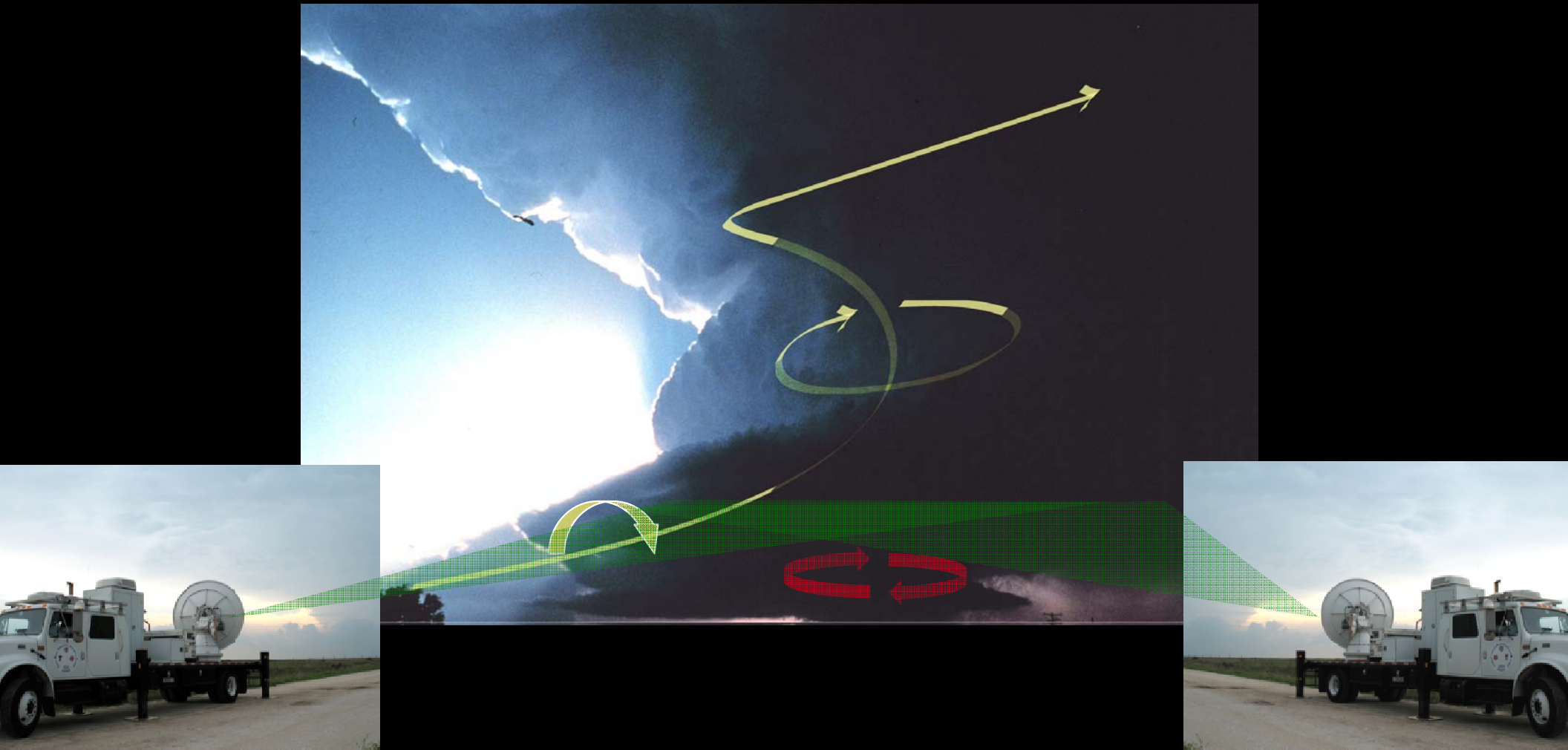
Understanding Storm Structure & Evolution



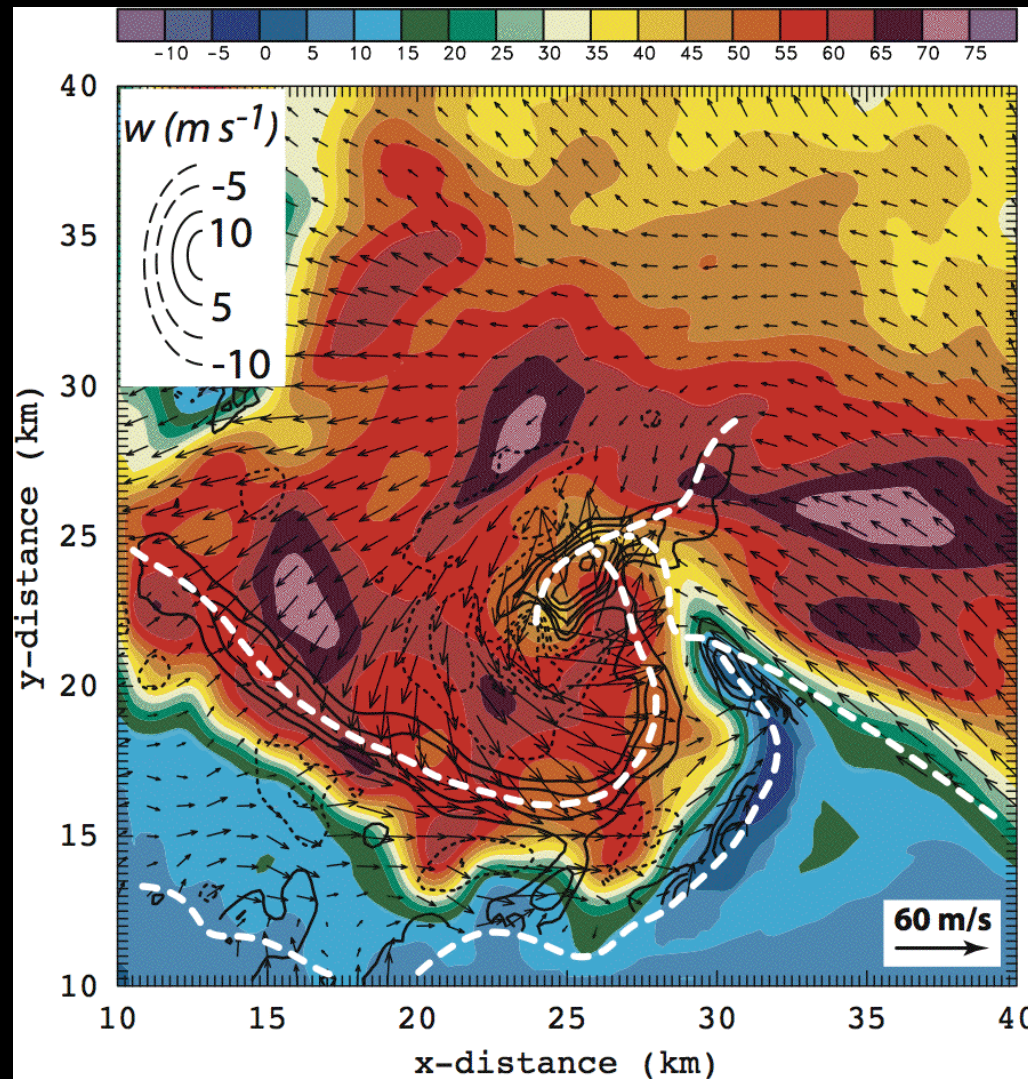
Understanding Storm Structure & Evolution



Understanding Storm Structure & Evolution



Understanding Storm Structure & Evolution



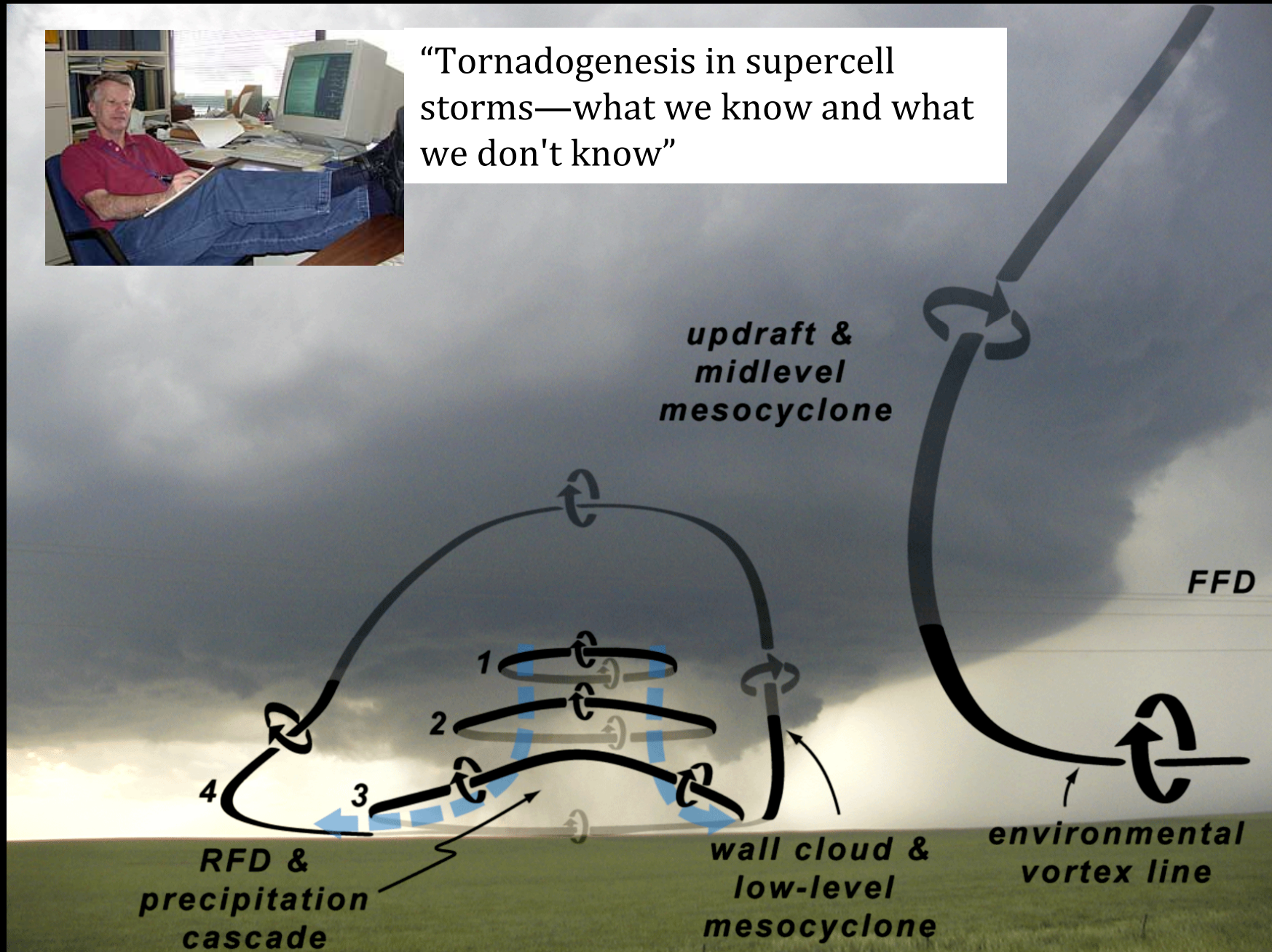
C. Ziegler



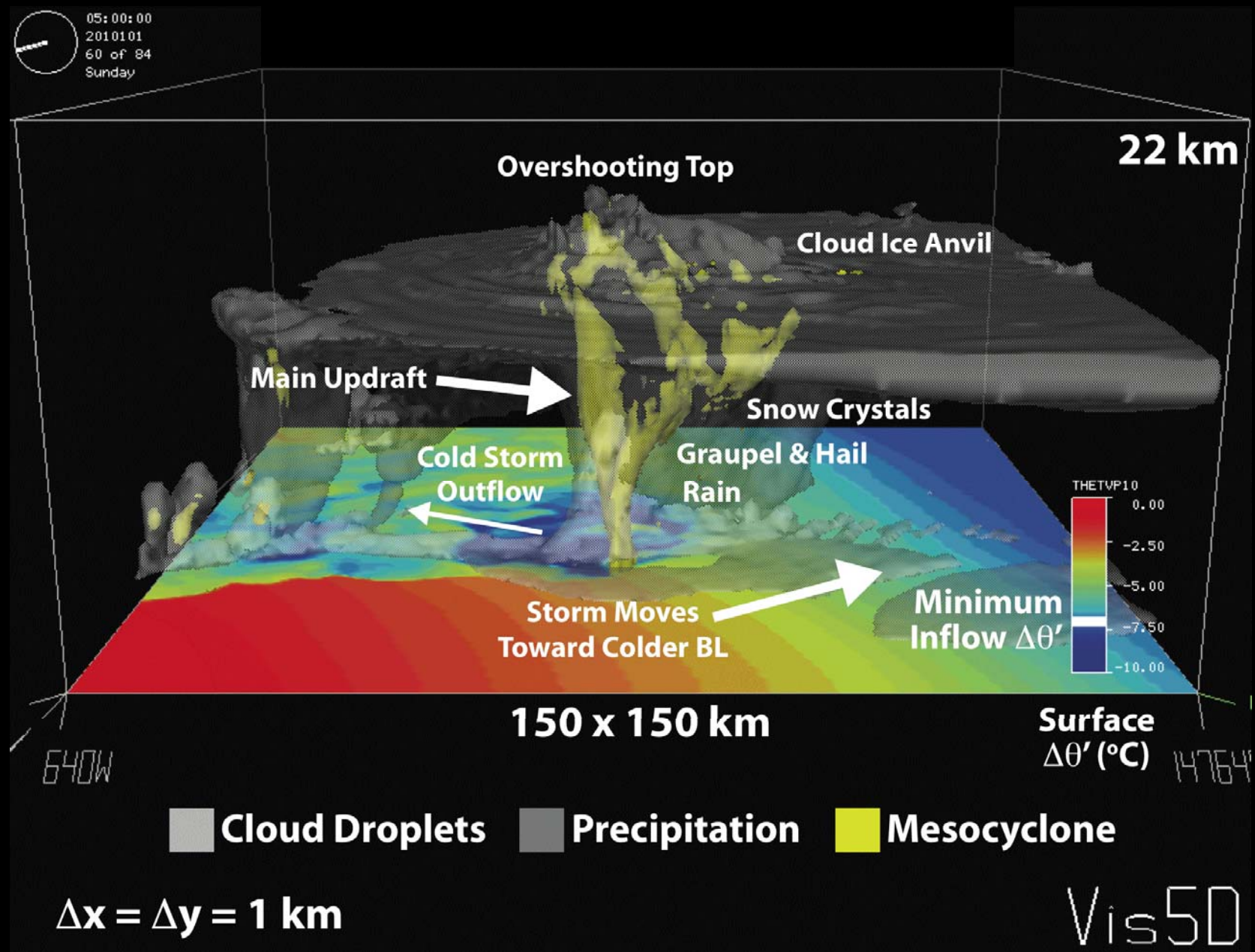
Understanding Tornadogenesis

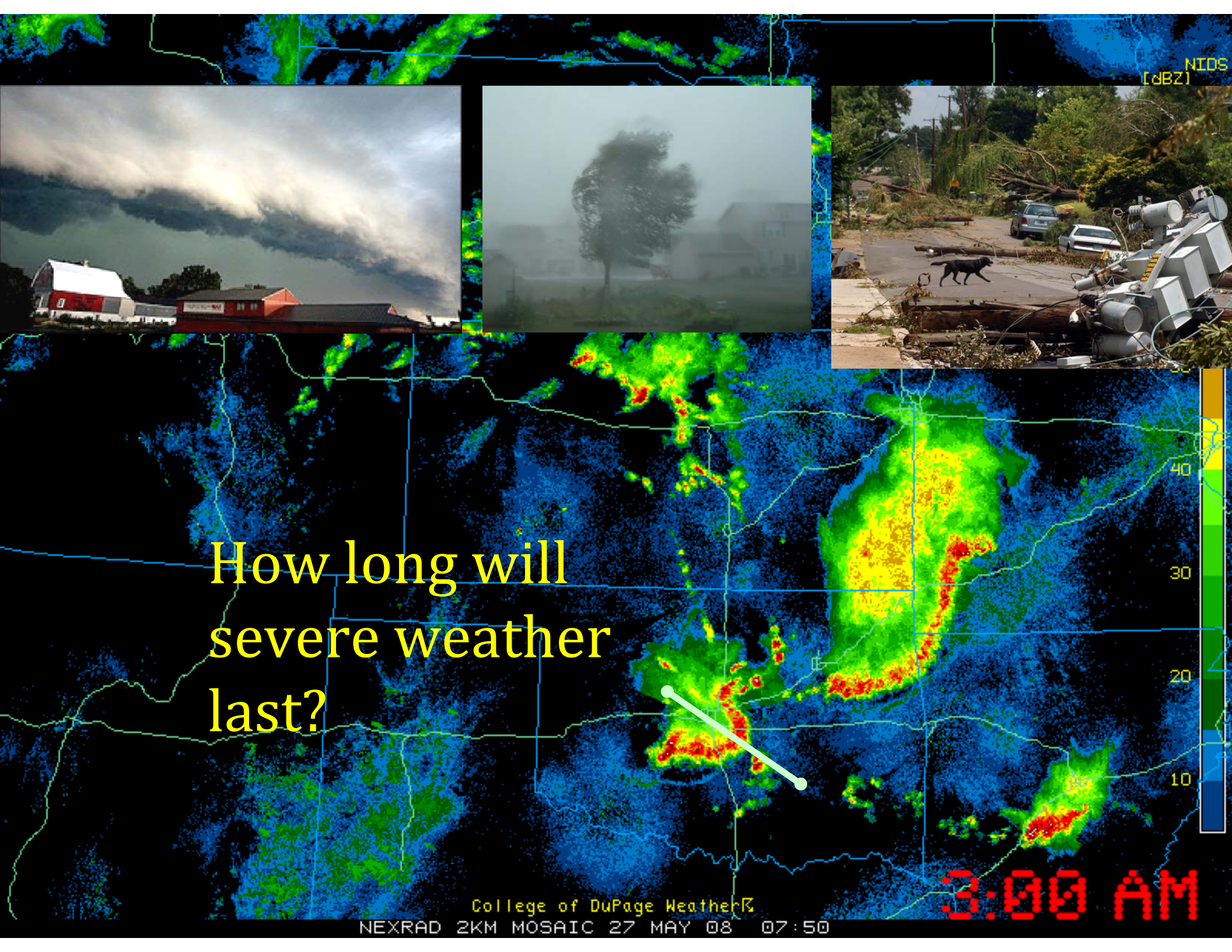


“Tornadogenesis in supercell storms—what we know and what we don't know”



Understanding Storm Structure & Evolution





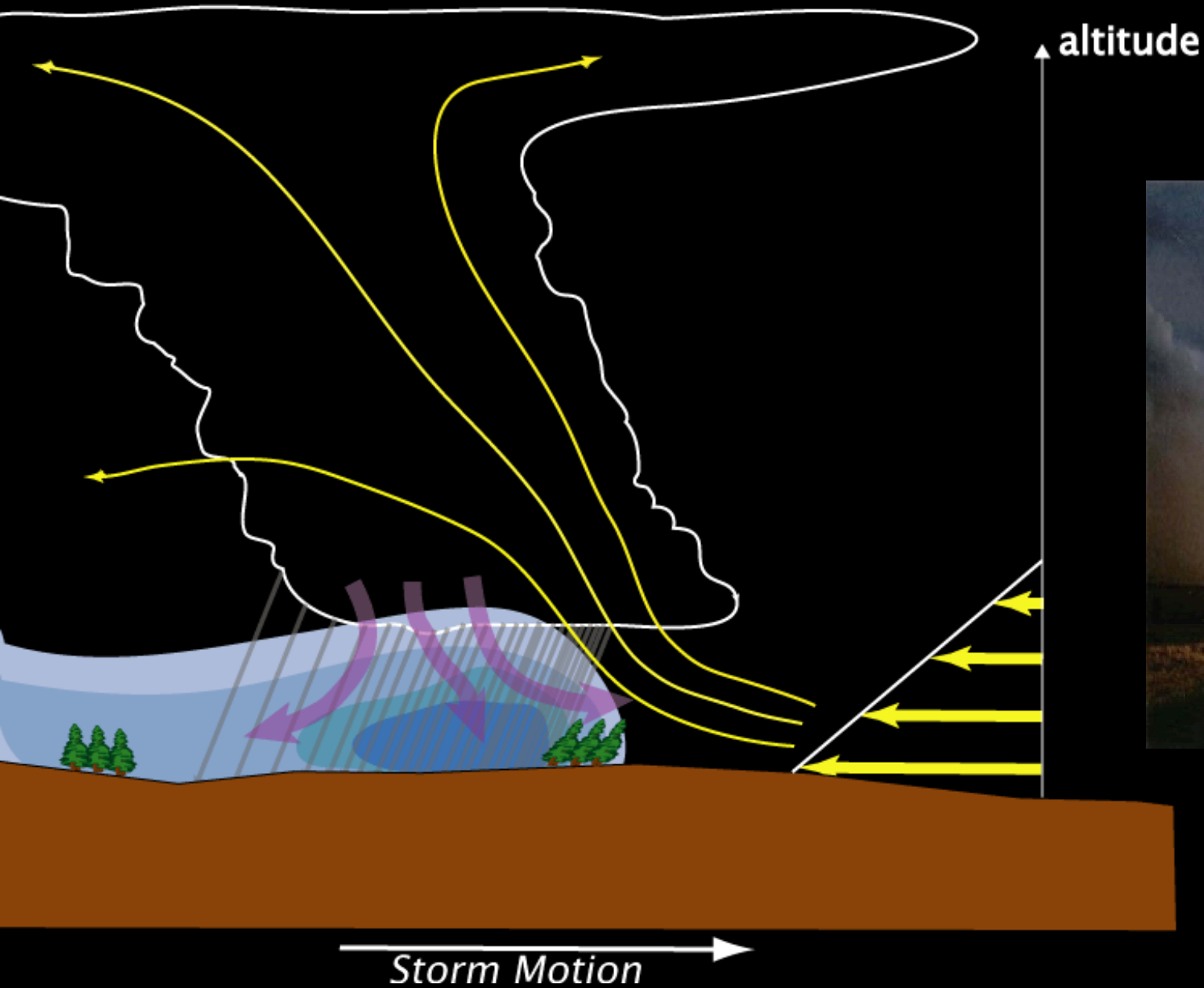
NIDS
[NBZ]

How long will
severe weather
last?

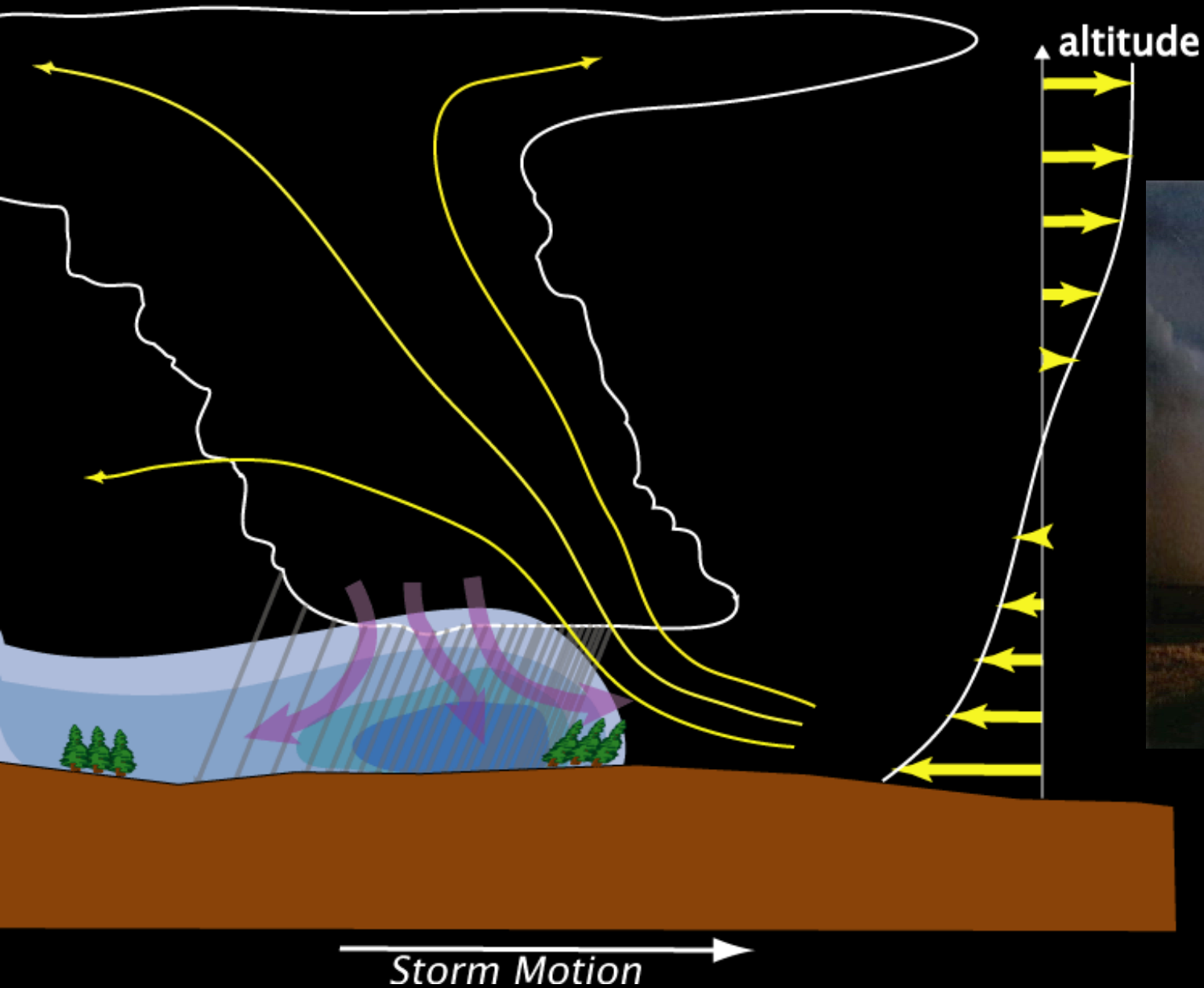
College of DuPage Weather
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3:00 AM

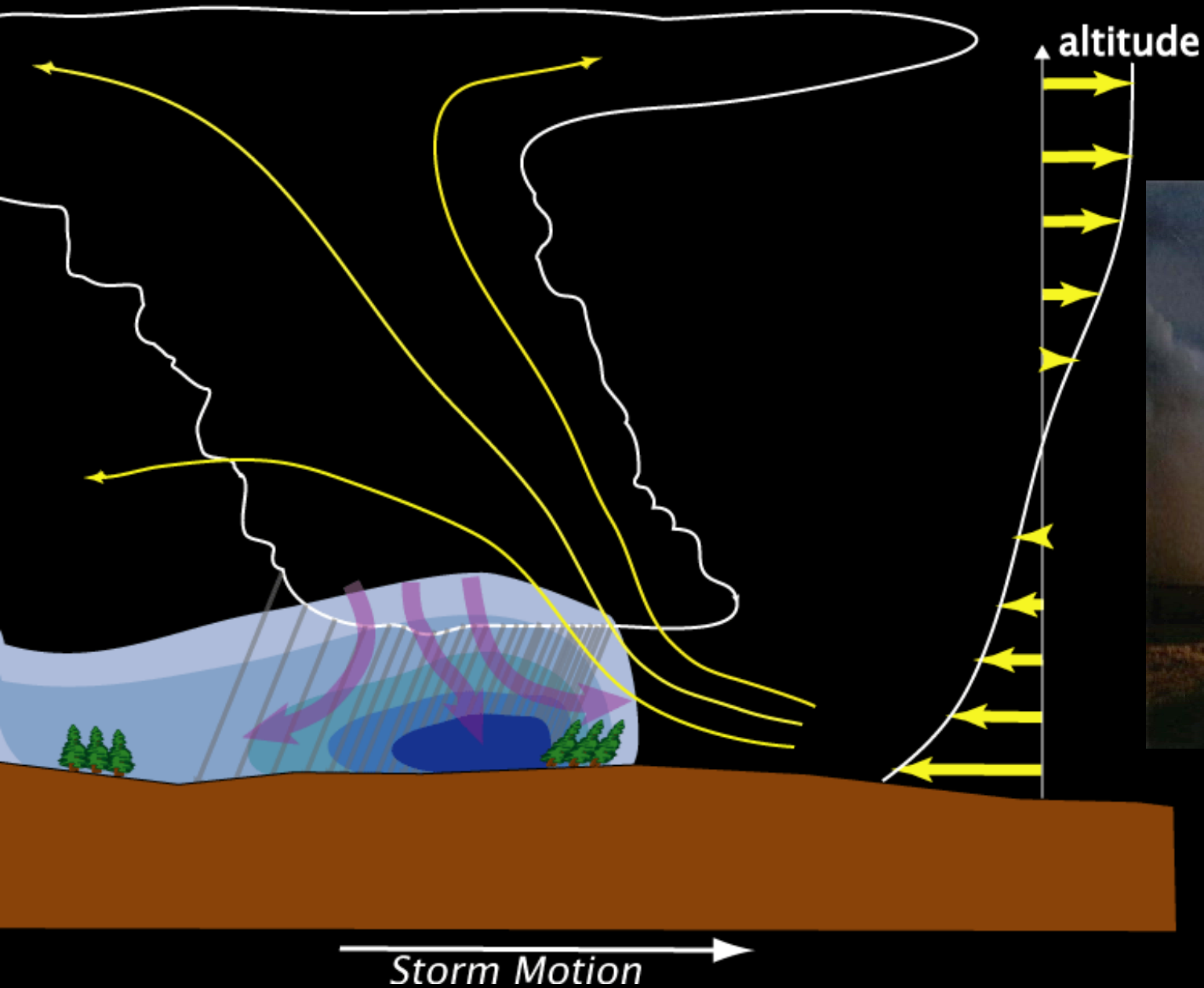
Understanding Storm Longevity



Understanding Storm Longevity



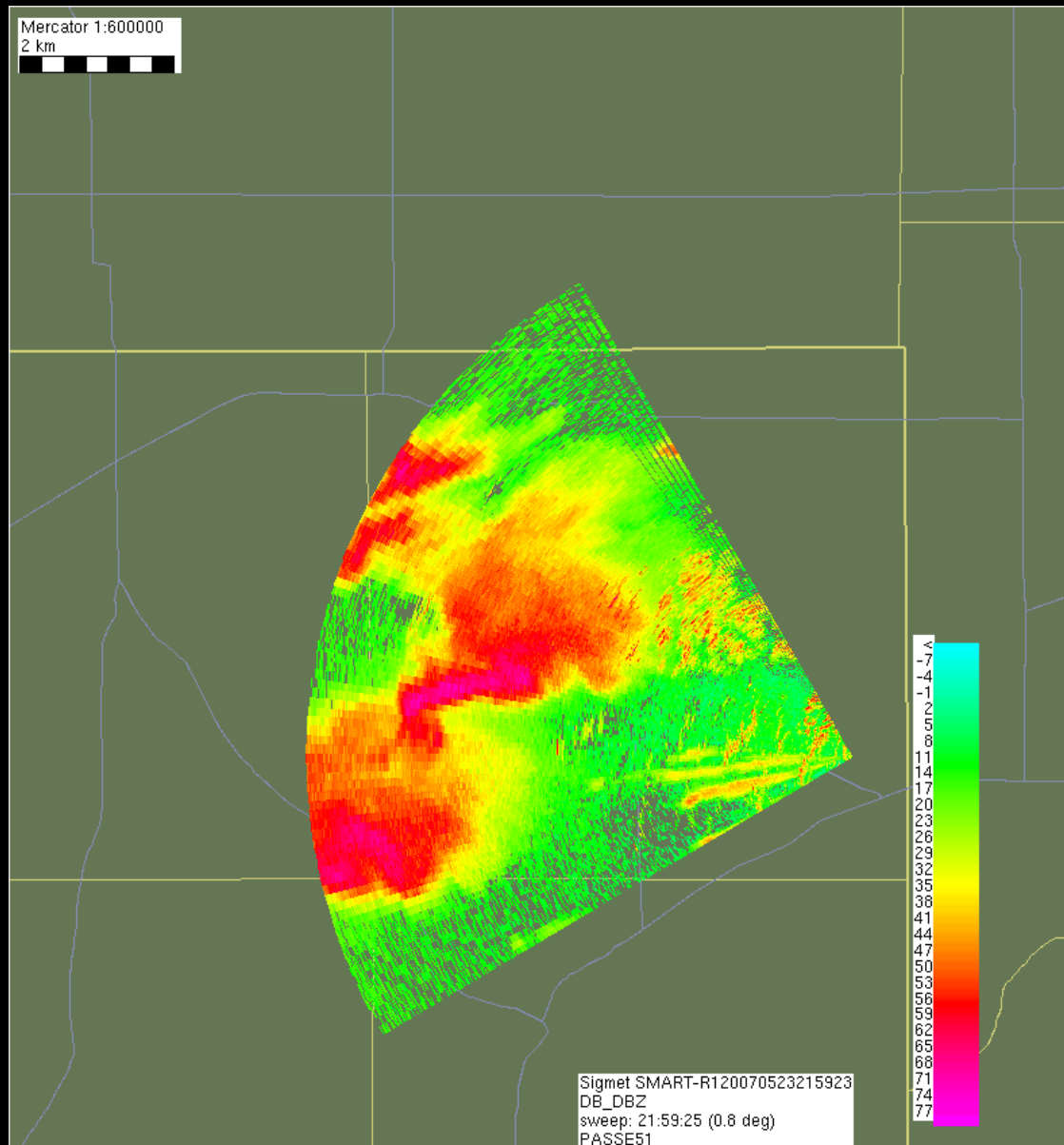
Understanding Storm Longevity



The road ahead



Challenges



Questions?