

Rule-based Decision Aid for the NWS WFO

Forecaster Event Awareness Tool (FEAT)

Paula McCaslin, Thomas LeFebvre, NOAA OAR ESRL Global Systems Division (GSD)



2016 SPARC Gravity Wave Symposium

Symposium

Meeting Program

Accommodations

Travel Support

Symposium on Gravity Waves, 16-20 May 2016

Penn State Walker Building, Room 112

Co-chairs: Joan Alexander, Kevin Hamilton, Kaoru Sato and Fuqing Zhang

(Keynote, 35 min; Invited talk, 25 min each; oral presentation 15 min each)

Monday, May 16

0-10:00am (opening remarks + 1 keynote + 1 invited talk + 1 oral)

Session 0: Opening remarks (Zhang and Alexander)

Session 1: Weather-significant gravity waves (Chair: Fuqing Zhang)

1. **Louis Uccellini: Historical perspective on weather-significant gravity waves (keynote) (pdf slides) (video)**
2. **Steven Koch: A Review of Gravity Wave - Convection Interactions (invited) (pdf slides)**
3. **Anton Seimon: Large-amplitude gravity waves as an unclassified type of storm: Observations and inferences from three synoptic data monitoring applying pattern recognition (pdf slides)**

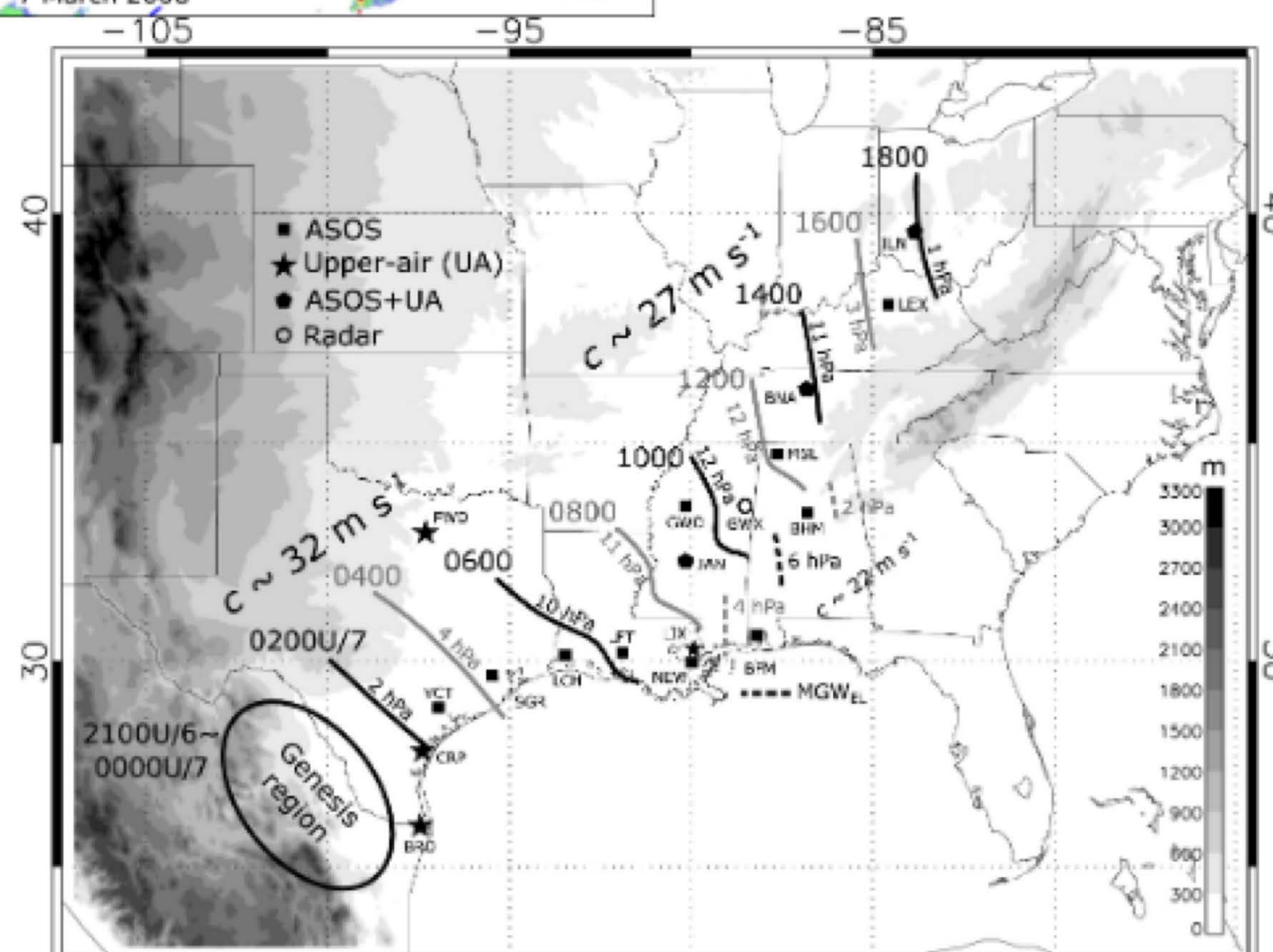
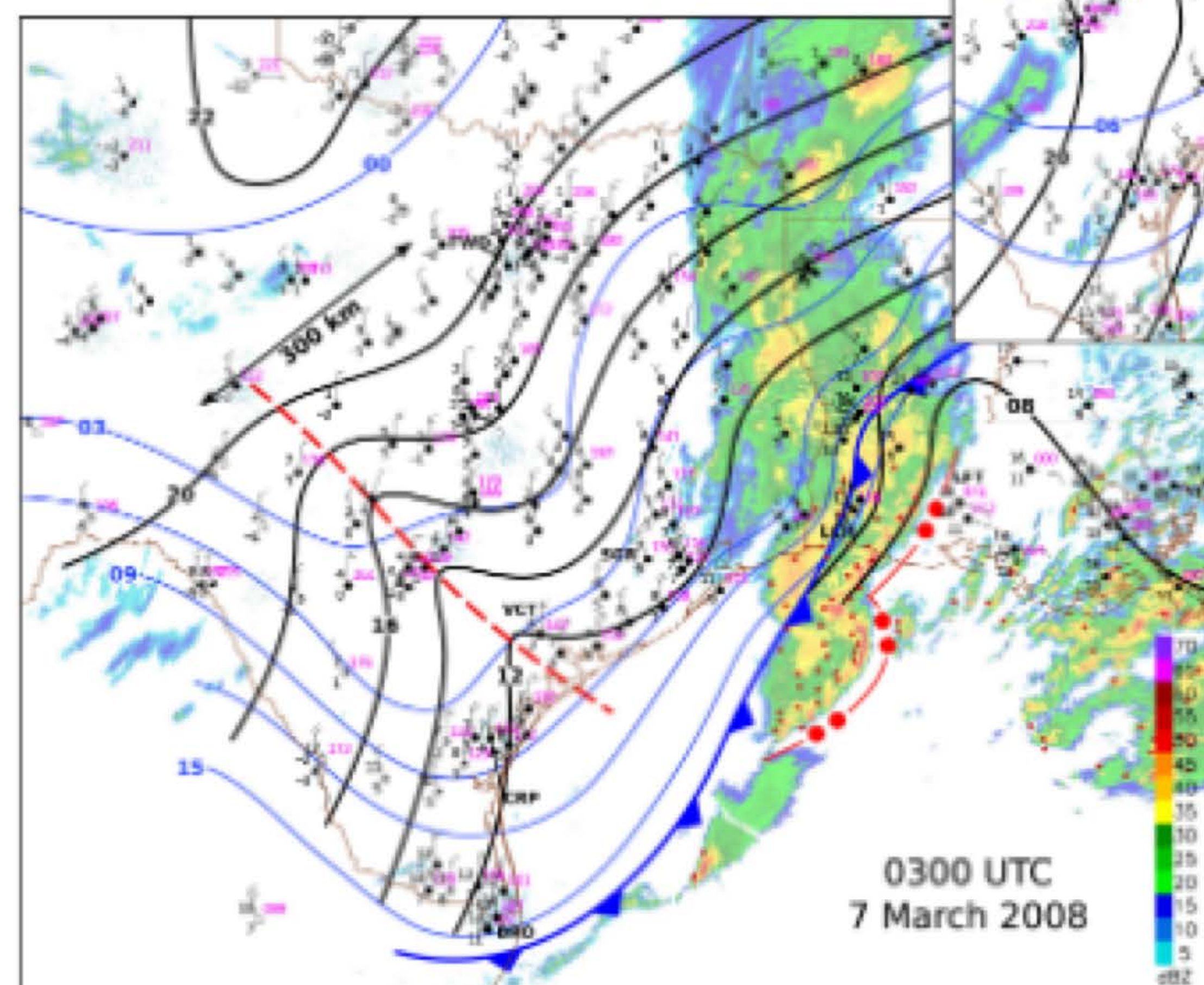
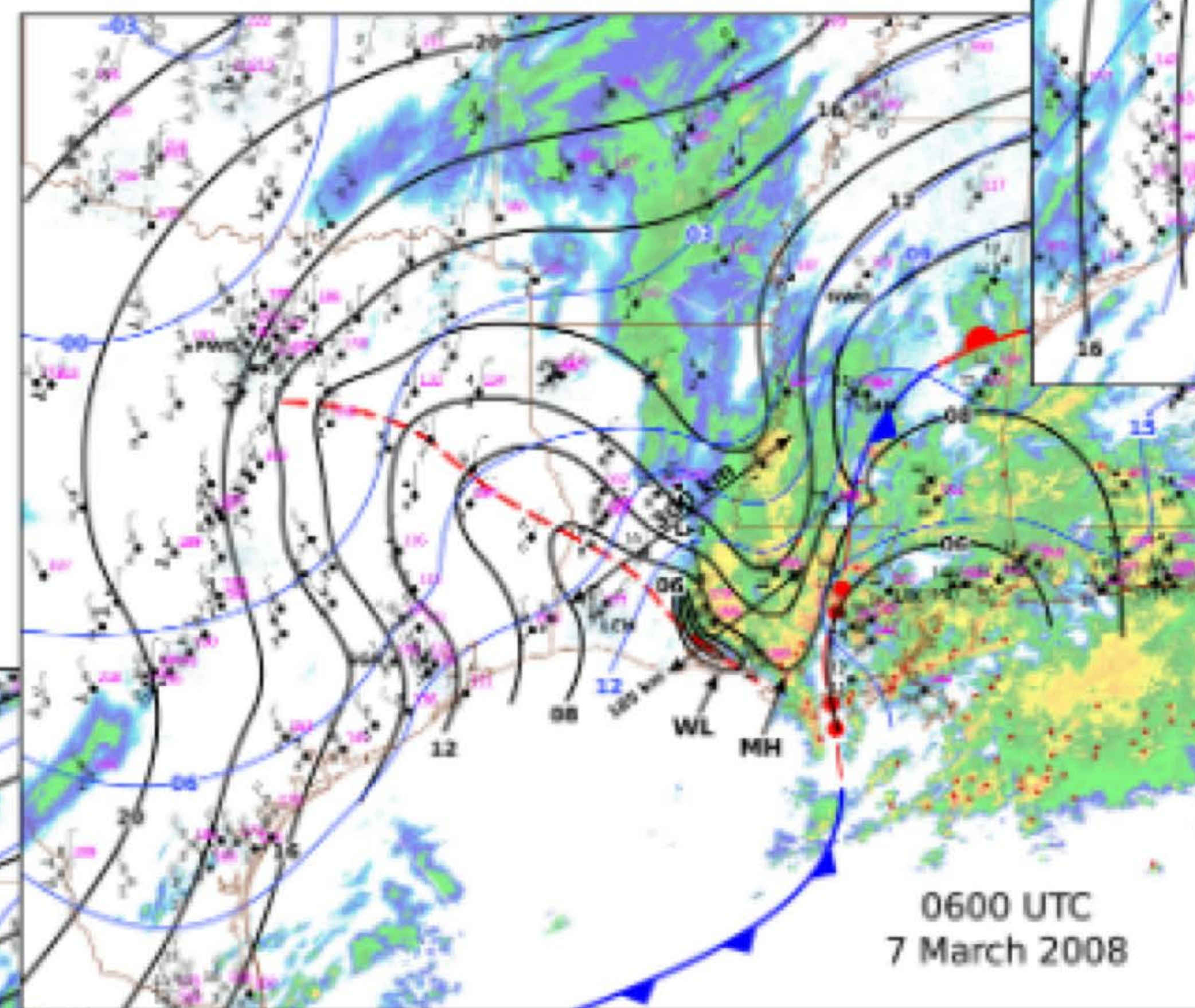
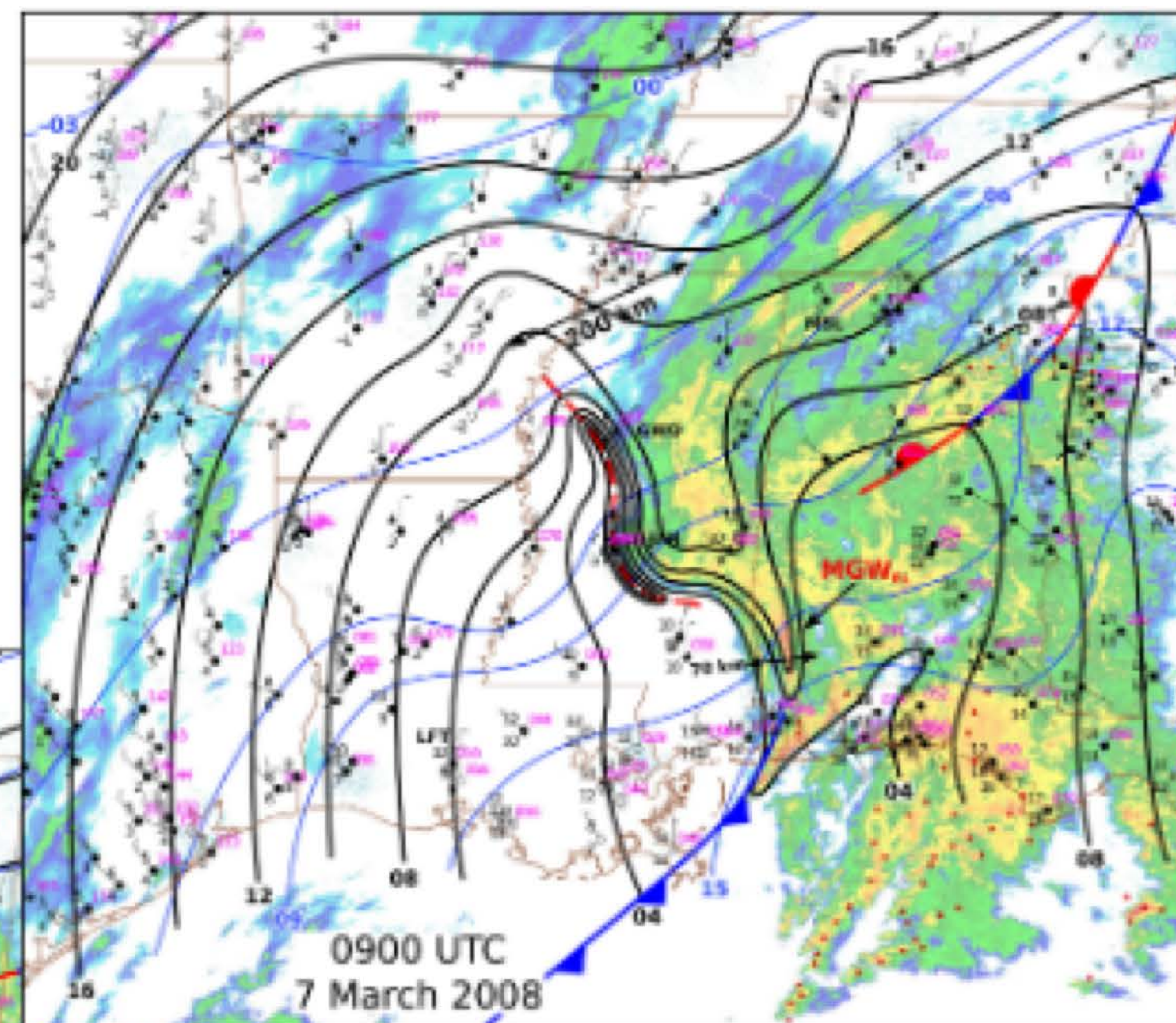
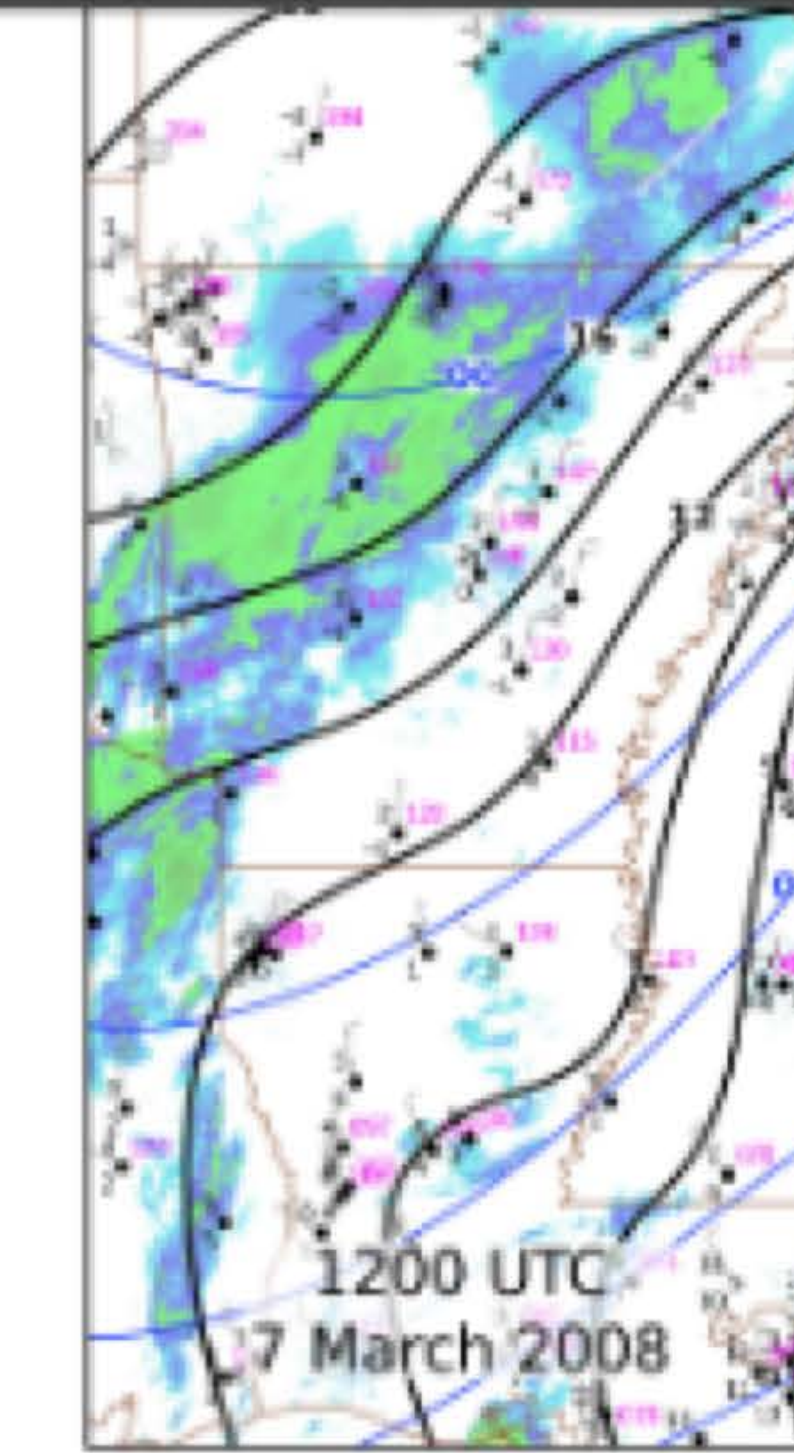
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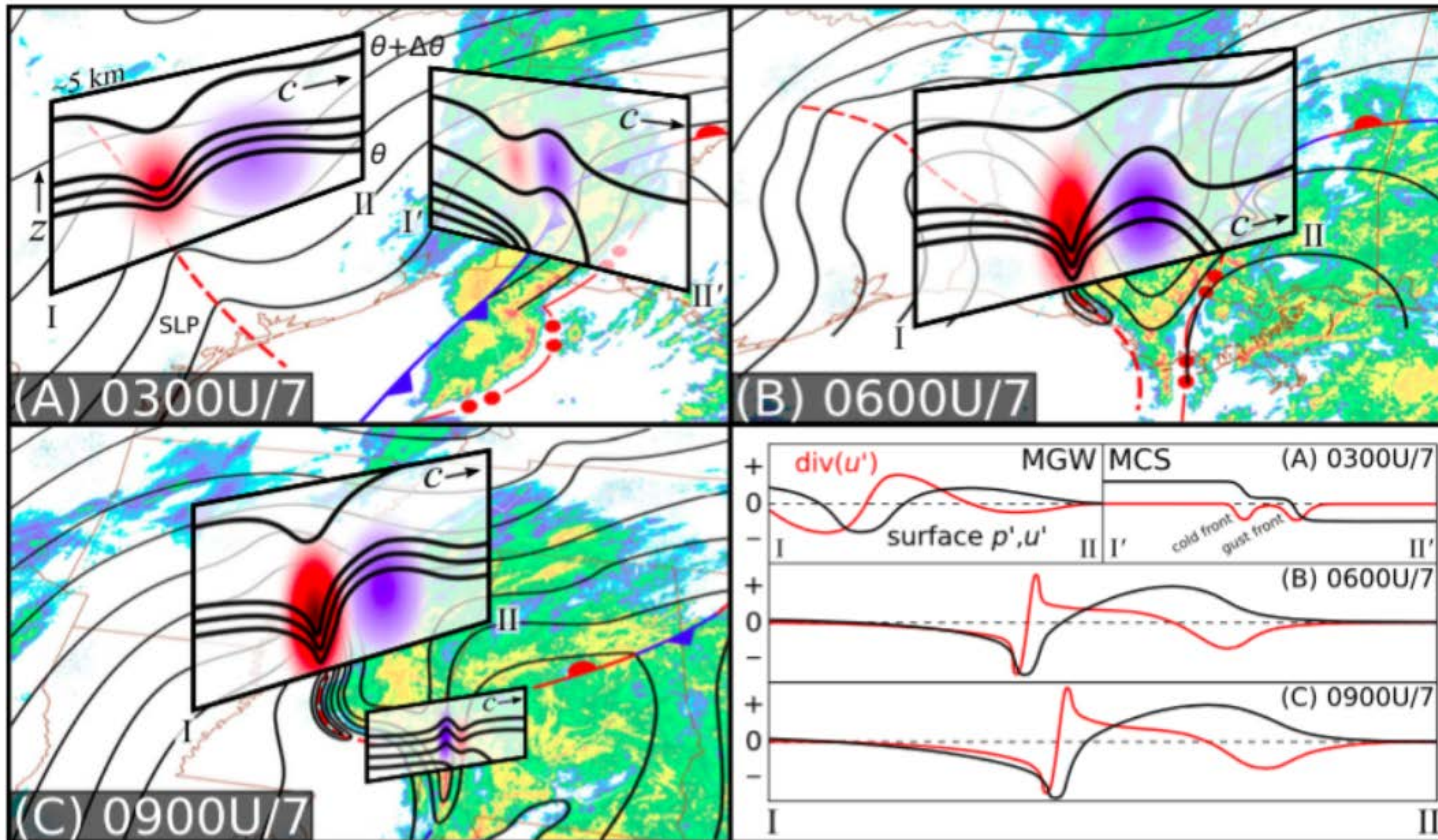
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7 March 2008 (Ruppert and Bosart 2014)

waves of small amplitude (~ 1 hPa) until interaction with back edge of convection



Schematic cross sections



(Ruppert and Bosart 2014)