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# Meteorological Data Collected in Support of CLEARFLO

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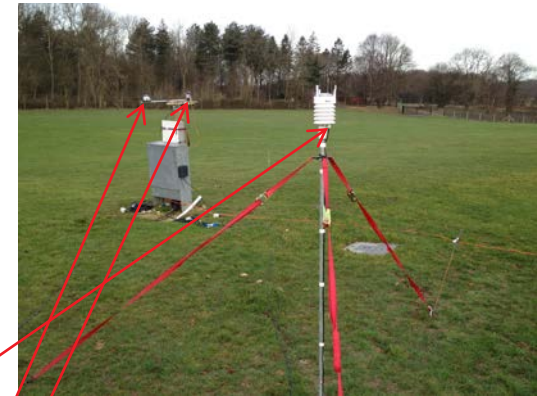
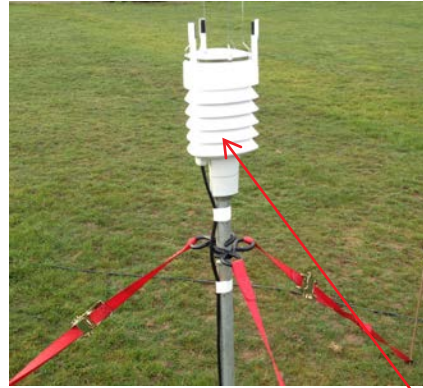


U.S. Department  
of Energy



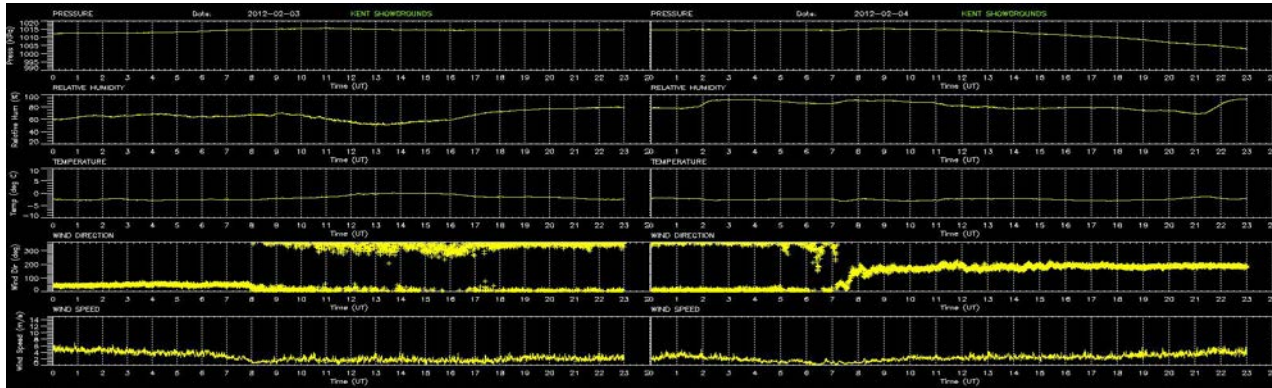
A U.S. Department of Energy laboratory  
managed by The University of Chicago

# Meteorological Sensors and locations at Kent Showgrounds

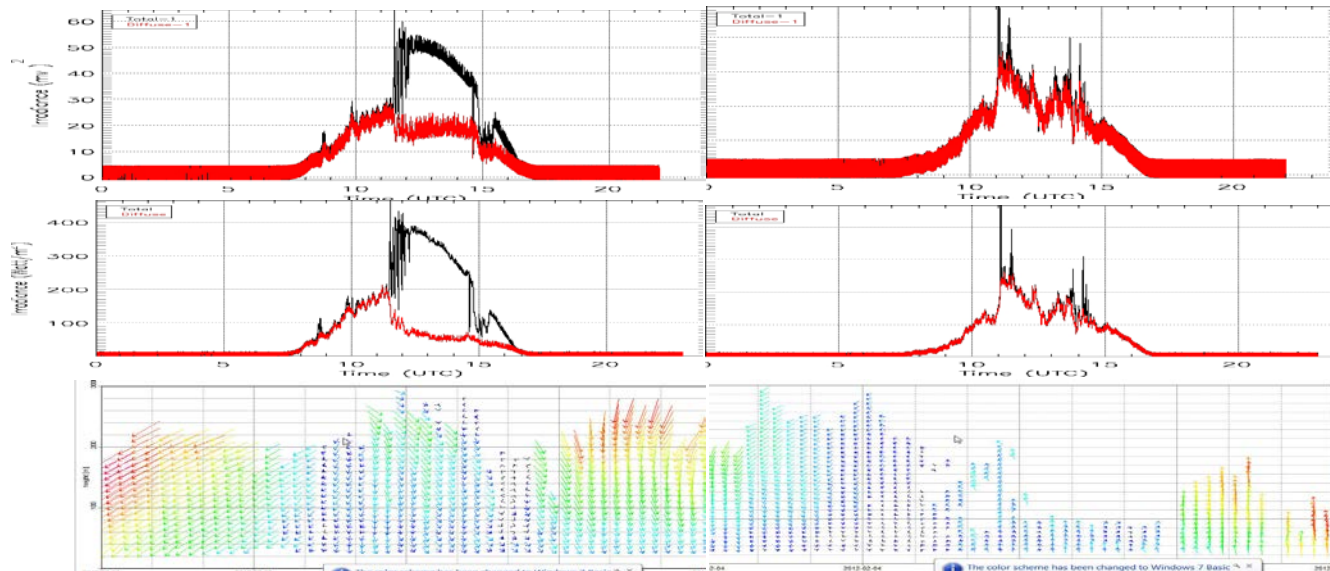


- Surface met (winds, RH, T, P, precip)
- Pyranometer (Total, diffuse broadband)
- MFRSR (7 wavelengths irradiance)
- MPL (aerosols, clouds; 0.2-15 km)
- SODAR (winds; 20 – 500 m)

# EXAMPLE DATA: Feb 03-04, 2012

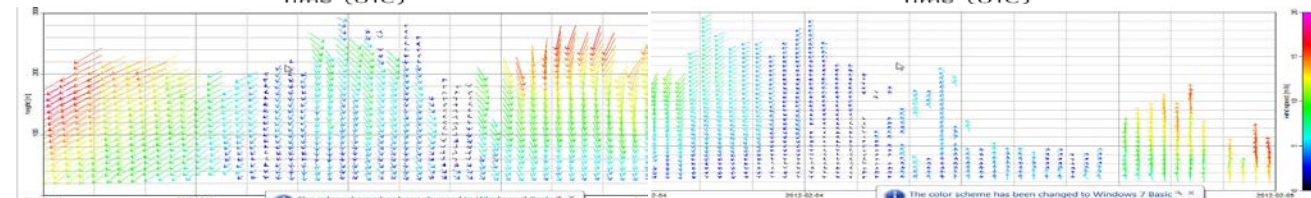


Sfc met

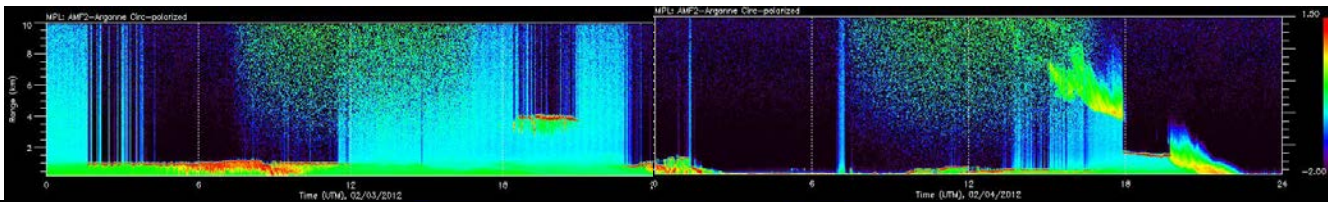


mfrsr

SPN1



sodar



MPL

# DATA

- Surface Met: 10 s aves. Missing a few periods
- SPN1: 1 min aves
- MFRSR: 1 min aves
- SODAR: 30 min aves, 10 m range gates; 20 – 500 m
- MPL: 10 s aves, 15 m range gates; 0.15 – 15 km