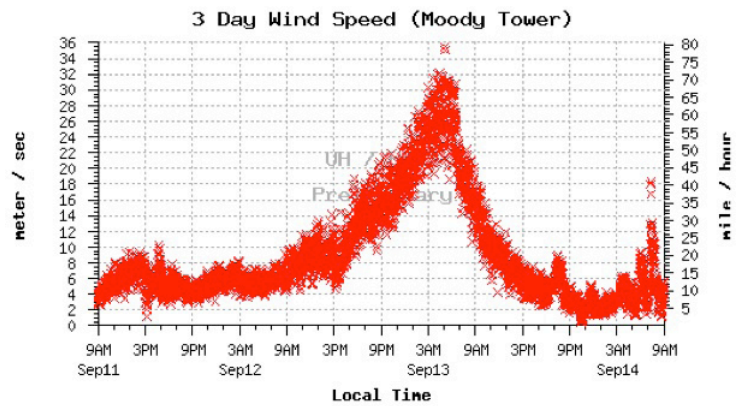
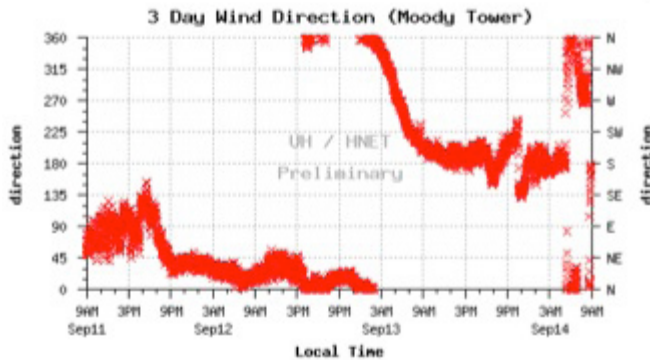


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GULF COAST ACADEMIC SUPERCOMPUTING

ENERGY CONCERNS: AIR QUALITY AND GLOBAL CLIMATE CHANGE

Dr. Mark Huang, University of Houston, Houston-Network of Environmental Towers



Hurricane Ike winds at Moody Tower observation station
September 2008

In this talk, we will cover the basics of ozone pollution and its impacts, as well as climate change. We will also discuss atmospheric research at the University of Houston, including the Houston-Network of Environmental Towers (H-NET).

The Houston Network of Environmental Towers (H-NET) collects chemical and meteorological measurements for the study of air quality in the Houston-Galveston area. Developing a deeper understanding of climate issues and photochemical smog episodes is essential for the health of humans and the environment, as the accuracy in data and modeling resulting from H-NET allows for better policy-making and public health decisions.