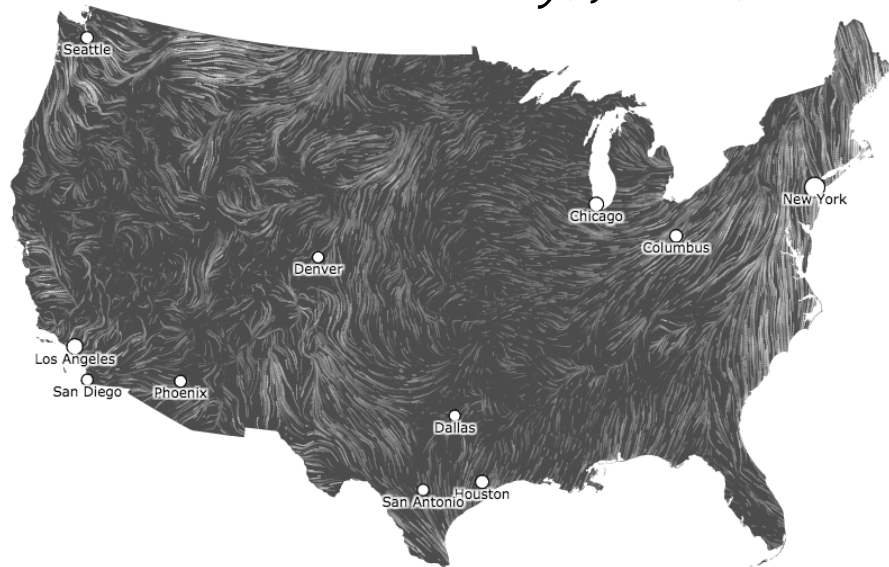# Visualization and Mediation of High Performance Computing

Karina Bercan

The Motivation

HPC applications and environments are complex and difficult for a non–computer scientist to understand.

Wind patterns forecasted at 11:36pm EST on Monday, June 8, 2015.

Source: http://hint.fm/wind/

The Project

- Develop visualization system for HPC
- Increase usability
- Target user: domain scientist

Source: http://www.hpc.lsu.edu/

The Objectives

- *General goal*: **to Improve HCI**
- *Short-term goal*: **to design a visualization model for data sets**
- *Lofty goal*: **to design a user interface for the visualization model**

Initial Sources

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- High Performance Computing. (2015). Retrieved from http://www.hpc.lsu.edu/

- Supercomputer. (n.d.). Retrieved 9 Jun 2015 from http://en.wikipedia.org/wiki/Supercomputer

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