

# High Performance Software Engineering

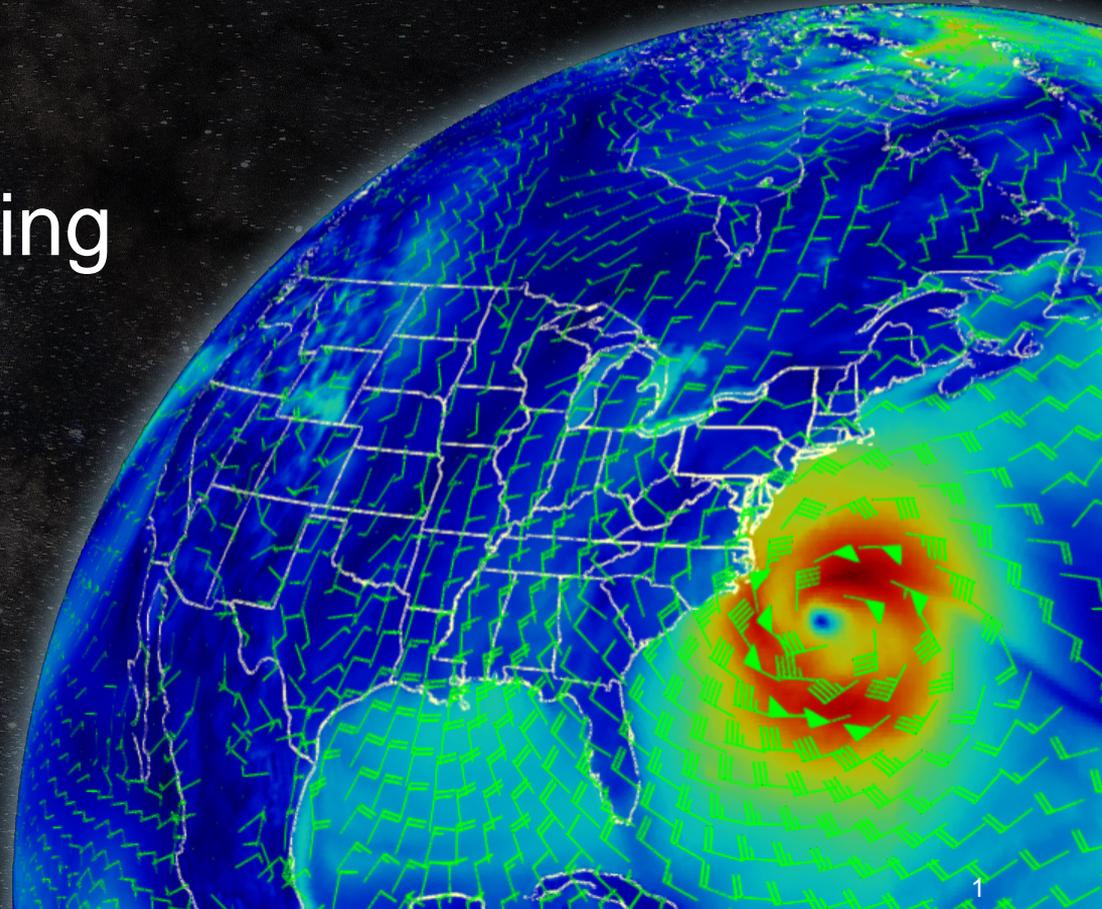
Tom Henderson

CIRA

Performing work for NOAA/ESRL/GSD

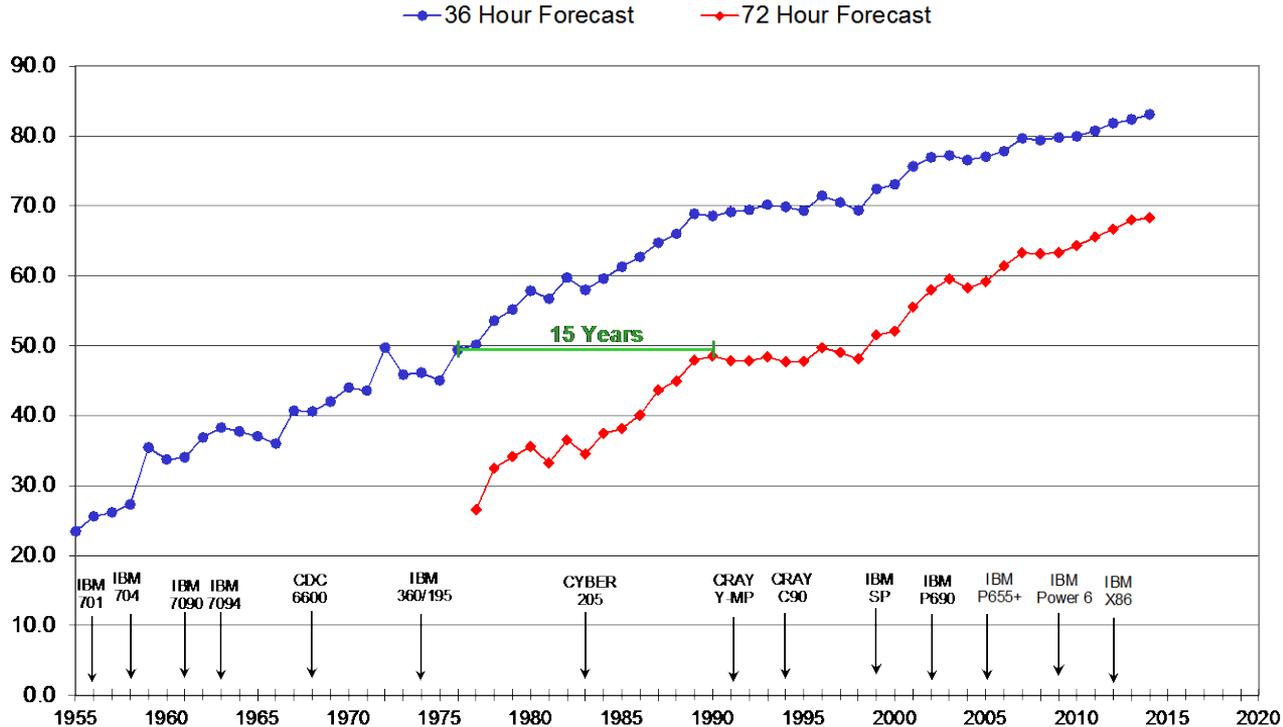


GSD Science Review  
3-5 Nov 2015

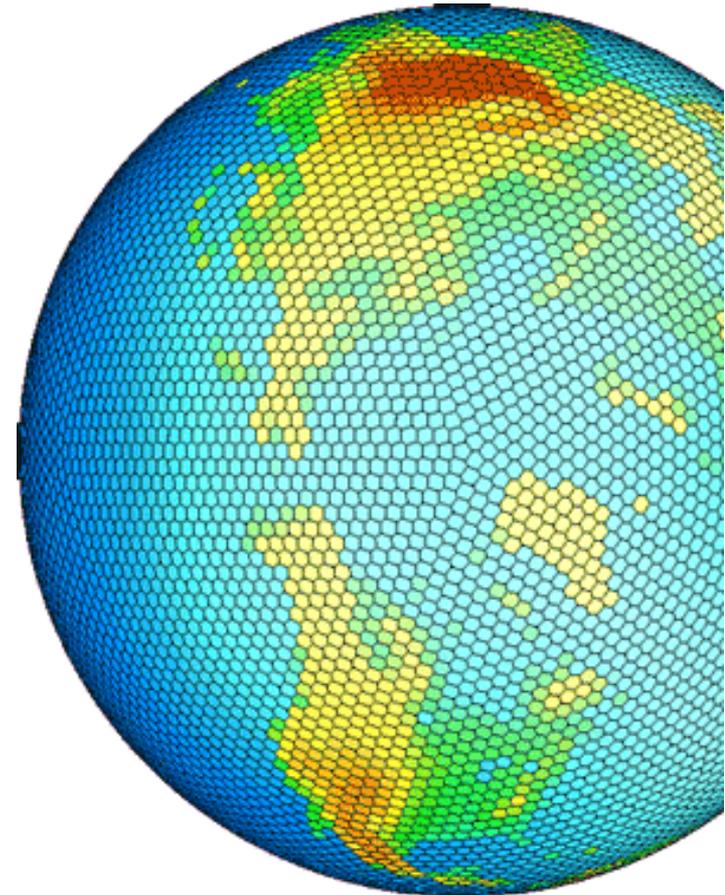




## NCEP Operational Forecast Skill 36 and 72 Hour Forecasts @ 500 MB over North America [100 \* (1-S1/70) Method]



- Keeps NOAA research competitive
- A catalyst for science
- GSD:
  - Exploits new architectures
  - Explores new techniques
  - Develops software automation
  - Drives process improvement



- ePoster

- New software techniques for new architectures
- New software automation methods
- Process improvements
- Collaborations

