

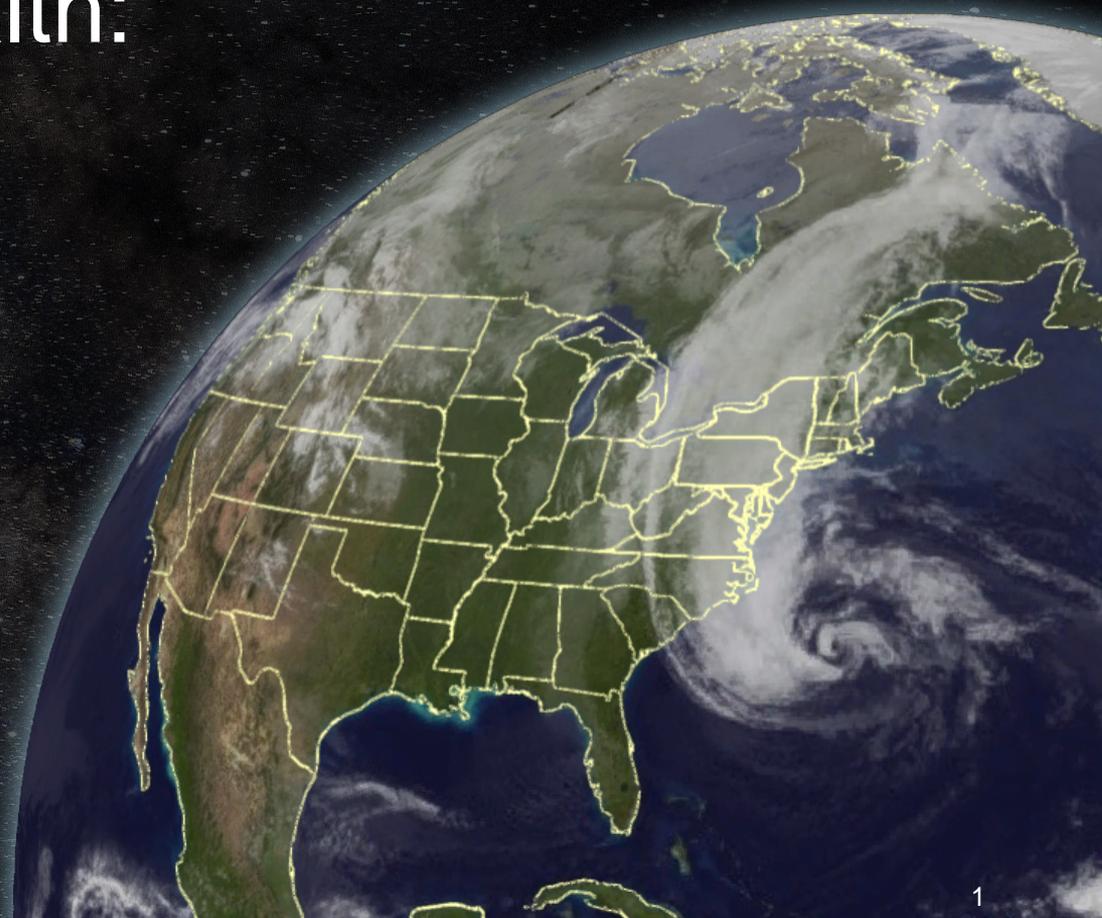
# Sharing the Wealth: Forecaster Tools for Our Partners

Joe Wakefield

NOAA/ESRL/GSD



GSD Science Review  
3-5 Nov 2015



Exploratory R&D of services and tools

for fire weather decision support



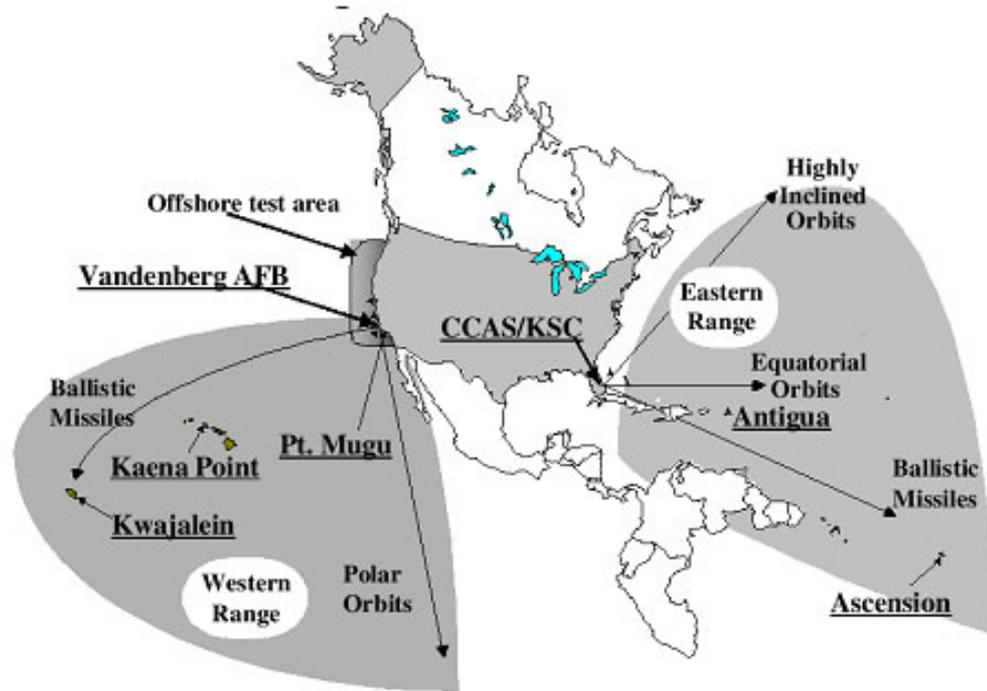
Customers/funders

- National Interagency Fire Center (NIFC)  
Field meteorologists, fire resource managers
- Wildland Fire Management Research,  
Development, and Application

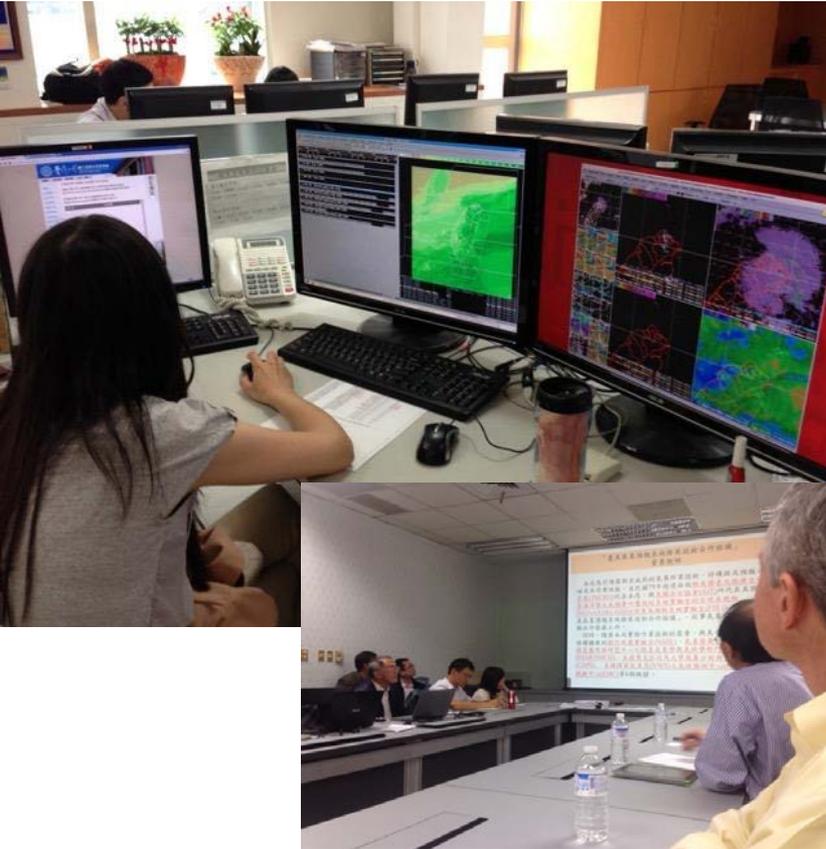
Cloud-based software-as-a-service,  
AWIPS II virtual server

## Range Standardization and Automation (RSA)

- U.S. Air Force
- Western Range
- Customized AWIPS-I, with national + local data, local model



25+ years of collaboration.



## Recently...

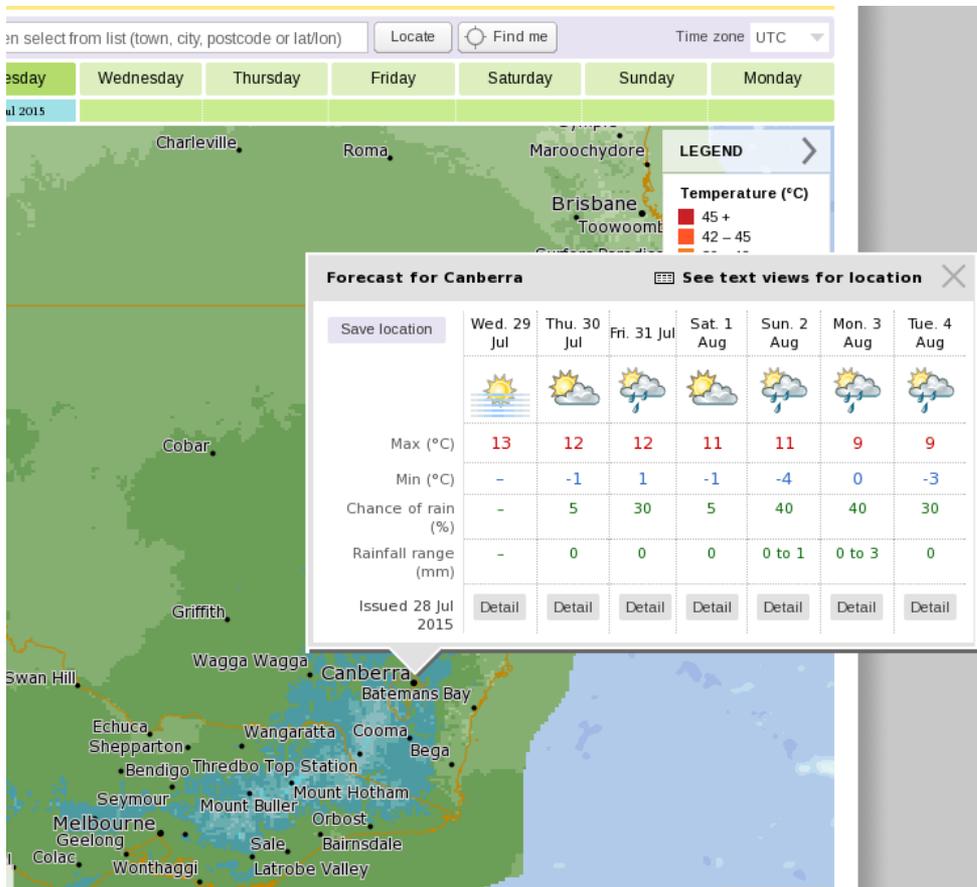
- Support of AWIPS I-based operations at Central Weather Bureau (CWB)
- Annual CWB visitors, work with Hazard Services, Graphical Forecast Editor
- Familiarization with/developer training for AWIPS II

(More information in Theme 3.)

## Environment Canada - NOAA Agreements

- Participation in Marine Forecast Systems focus
- Goal is improved and seamless forecasts provided to mariners - coastal, Great Lakes
- February 2014 Marine workshop, Halifax



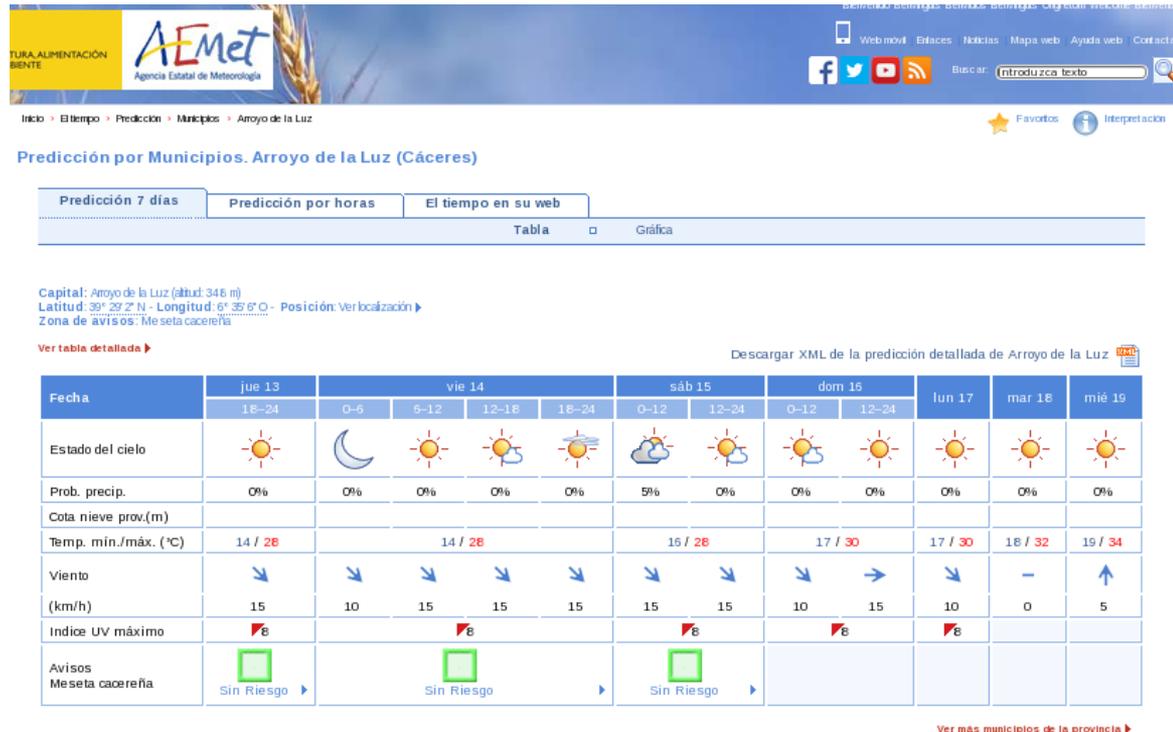


## Australia Bureau of Meteorology

- Work with NOAA began 2003
- Completed nationwide implementation 2014
- Numerous awards in-country, internationally

## Spain - State Meteorological Agency (AEMET)

- Collaborative work with NOAA since 2011
- Initial operations 2014



Multi-year agreement being worked with NIFC

Ongoing RSA support

New five-year cycle starting with Taiwan CWB

Expecting continued interaction with Environment  
Canada under bi-lateral agreement

Exploring new work with Australia BoM

Anticipate new agreement with AEMET/Spain **More detail  
and examples  
at the poster**