SAB’s Environmental Information Services Working Group (EISWG) recommends

“An Open Weather and Climate Services … in which both NOAA and the community share equal and full access to NOAA information and development.”

NOAA response concurs, in principle, and ...

-waterfall
  - Points to existing policies that support concept
  - Expands to Open Environmental Information Services (EIS)
  - Commits to implement new paradigm through pilot/prototype projects of mutual interest and value and incorporate lessons learned. *(Ben Kyger will discuss possible pilot project)*
Open Weather and Climate Services Prototype

The Reston Compute Center

NCEP Reston Super Computer

Reston Storage

One-Way High Speed

Enterprise Compute Server 1
Enterprise Compute Server 2
Enterprise Compute Server 3

Local Data Mirror

Enterprise Compute Server 4
Enterprise Compute Server N

Enterprise "Experimental Data Center" @ CoreSite

Internet connection to Enterprise "Home" Facilities
Open Weather and Climate Services Prototype

- Establish CRADA between NOAA and The Weather Channel Companies/Unidata allowing short-term experiment
- Partners establish presence in Reston and deploy infrastructure
- NOAA populates data server using one-way communications link
- Partners deploy applications to leverage the local data
- Benefits captured
- If business case is made, government will initiate a similar relationship with one or more of the big cloud service providers