

# National Oceanic and Atmospheric Administration

***Weather-Ready Nation  
Saving Lives and Livelihoods***



Unidata Policy Committee – May 14, 2013  
LeRoy Spayd – NOAA/NWS



# *Outline*

- **Status of NWS Budget**
- **Training on AWIPS 2 for Unidata staff**
- **NAPA study**
- **Hurricane Sandy Supplemental**
- **AWIPS Algorithm validation**

# ***NWS Budget – FY 13***

- **NWS strictly adhering to Congressional funding lines for programs**
- **17 different funding lines**
- **Base funds for NWS operations and most of the FTEs is under resourced for existing business model and staffing profile**
- **Sequestration compounded already dire situation**

# ***FY 13 Budget Mitigation actions***

- **Hiring freeze (some WFOs only 70% staffed)**
- **Many contracts/grants not renewed or descoped (COMET)**
- **Manager travel freeze**
- **No funds for gas for gov. vehicles**
- **Huge backload of facility maintenance**
- **Very limited attendance at conferences**
- **4 furlough days for all NOAA FTEs start July 5 (NOAA is only bureau in DOC doing this)**
- **Only 1 of 7 Regional/NCEP Directors filled (6 are “acting”)**

# ***NWS budget plans FY 14***

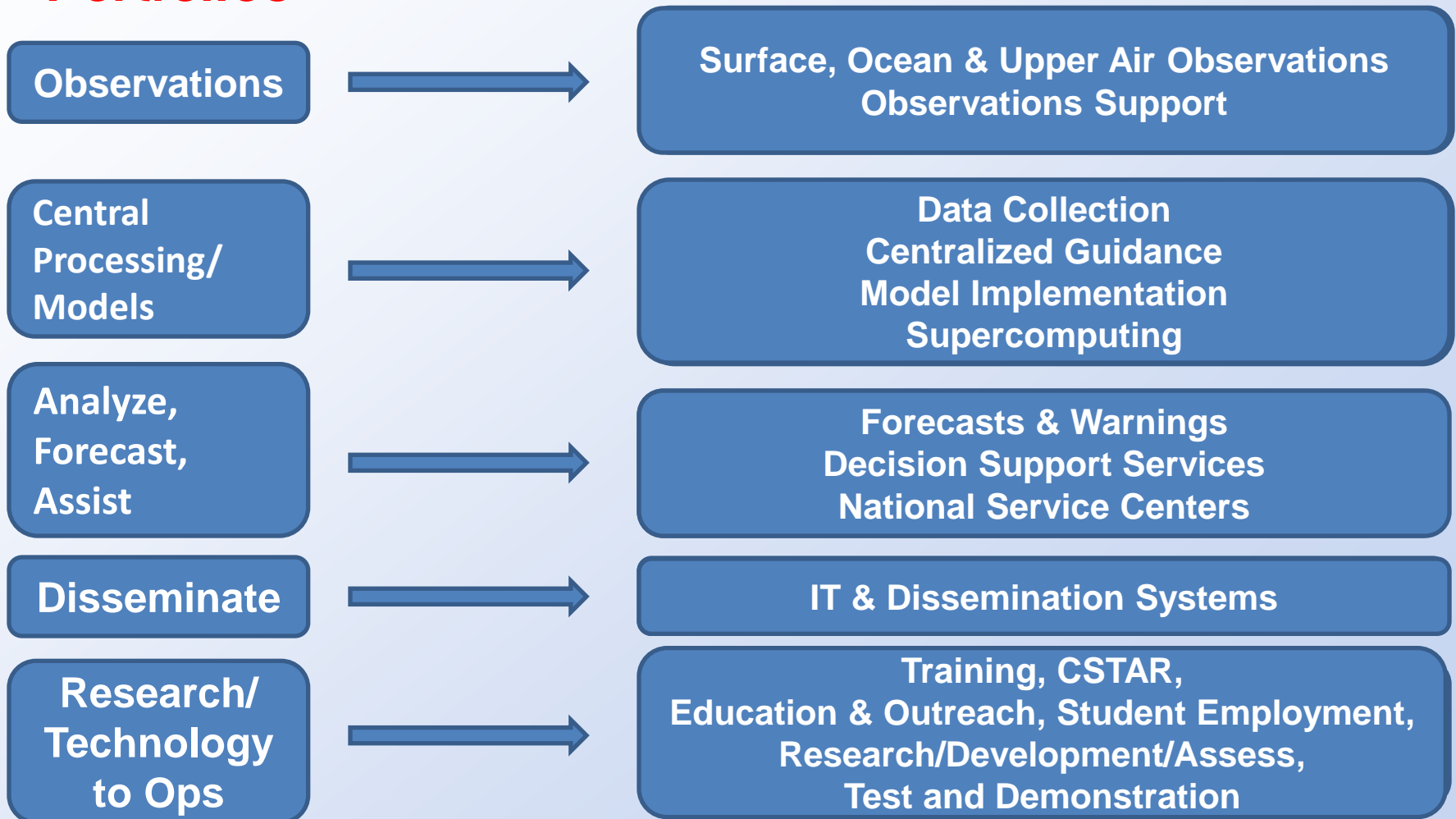
- **President's budget replaces sequester**
- **Better for NWS than Senate or House markups**
- **Sequestration for full 12 months instead of only 7 months in FY 13**
- **Expect CR + sequestration for start of FY 14**

# ***Budget Restructuring – FY 15***

## ***DRAFT Just conceptual***

### ***Portfolios***

### ***Programs***



## ***Unidata AWIPS2 staff training***

- **After years of planning and thanks to Linda's unrelenting attention**
- **Initial meeting in Boulder to scope out training needs**
- **Unidata staff selected those topics in standard AWIPS2 NWS class**
- **NWSTC AWIPS instructors travelled to Boulder on Week of April 7**
- **Feedback?**

# ***NAPA Study***

- **NWS has contracted with the National Academy of Public Administration, at the request of Congress, to conduct an independent assessment of NWS operations.**
- **Our final report will include an assessment of the current NWS structure, recommendations for an advanced NWS structure, and recommendations for how to transition to that advanced structure.**
- **NAPA outbriefed NOAA DUS on May 8**
- **Public release of recommendations at 4pm yesterday**
- **Expect study to endorse movement to Decision Support Services**



# ***Hurricane Sandy Supplemental***

Operations, Research, and Facilities”, \$290,000,000 to remain available until September 30, 2014, as follows:

- (1) \$50,000,000 for mapping, charting, geodesy services and marine debris surveys;
- (2) \$7,000,000 to repair and replace ocean observing and coastal monitoring assets;
- (3) \$3,000,000 to provide technical assistance to support State assessments of coastal impacts;
- ***(4) \$25,000,000 to improve weather forecasting and hurricane intensity forecasting capabilities, to include data assimilation from ocean observing platforms and satellites;***
- ***(5) \$50,000,000 for laboratories and cooperative institutes research activities associated with sustained observations weather research programs, and ocean and coastal research;***
- (6) \$5,000,000 for necessary expenses related to fishery disasters during calendar year 2012 that were declared by the Secretary of Commerce as a direct result of impacts from Hurricane Sandy:

# ***Hurricane Sandy Supplemental - PAC***

**For an additional amount for “Procurement, Acquisition and Construction”, \$186,000,000, to remain available until September 30, 2015, as follows:**

- (1) \$9,000,000 to repair NOAA facilities damaged by Hurricane Sandy;**
- (2) \$44,500,000 for repairs and upgrades to NOAA hurricane reconnaissance aircraft;**
- (3) \$8,500,000 for improvements to weather forecasting equipment and supercomputer infrastructure;**
- (4) \$13,000,000 to accelerate the NWS ground readiness project;**
- (5) \$111,000,000 for a weather satellite data mitigation gap reserve fund:**

# **AWIPS II Algorithm validation**

- **AWIPS program funding 2 year project with COMET program (\$335K total)**
- **Proposal is to validate all thermodynamic calculations on AWIPS2 software and compare with GEMPAK and AWIPS 1**
- **Funds should arrive at COMET by May 30**
- **COMET will work closely with Unidata**
- **Looking for input from User Cmte**
- **WFO Boulder very active in this area**