

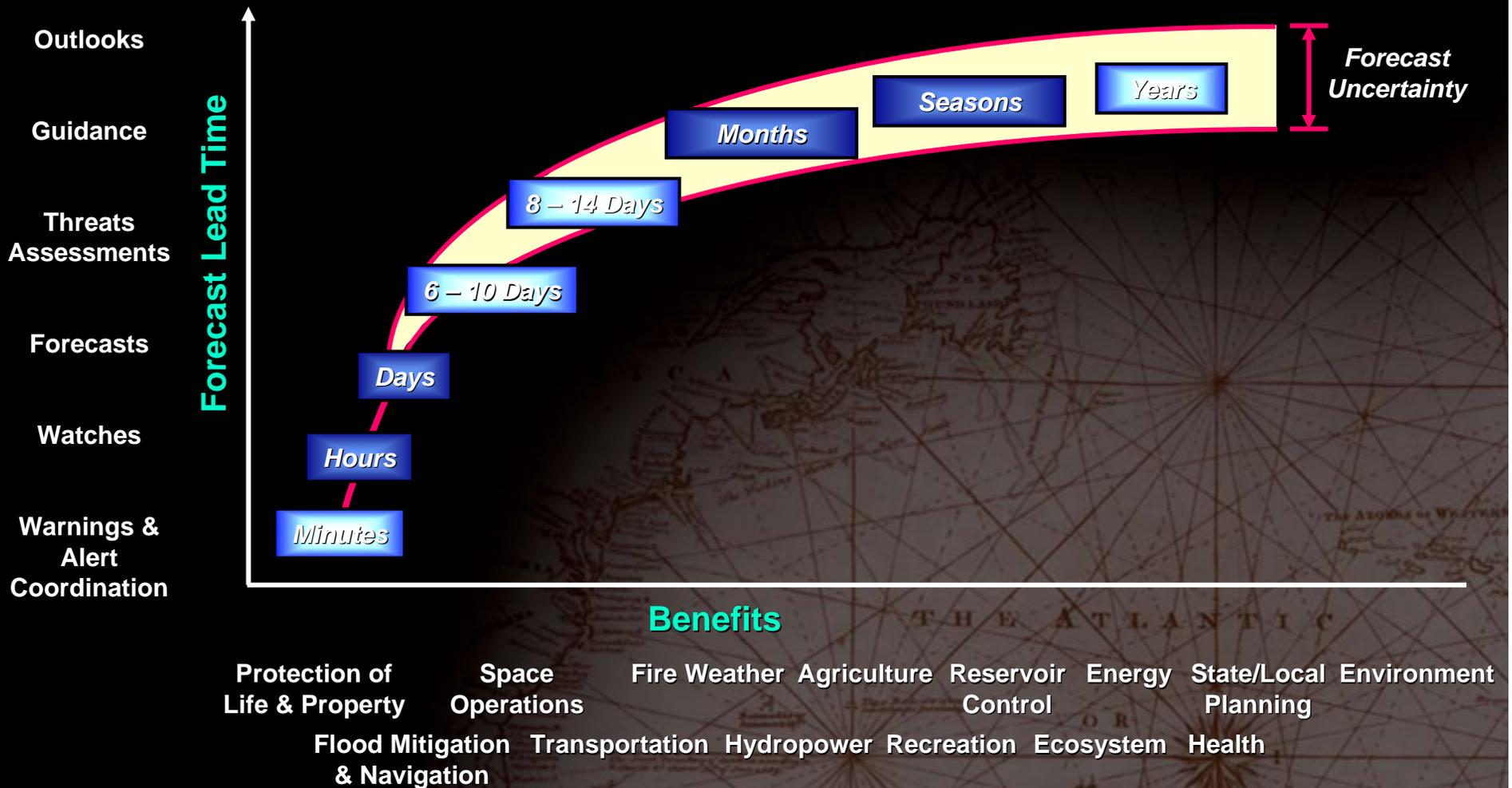
# ***NOAA Leadership Seminar***

**National Centers for  
Environmental Prediction**  
*Camp Springs, Maryland*

***Brig. Gen. David L. Johnson***  
*NOAA Assistant Administrator for Weather Services*

*August 24, 2004*

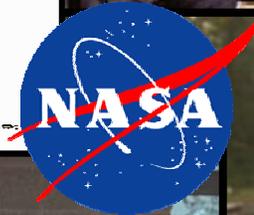
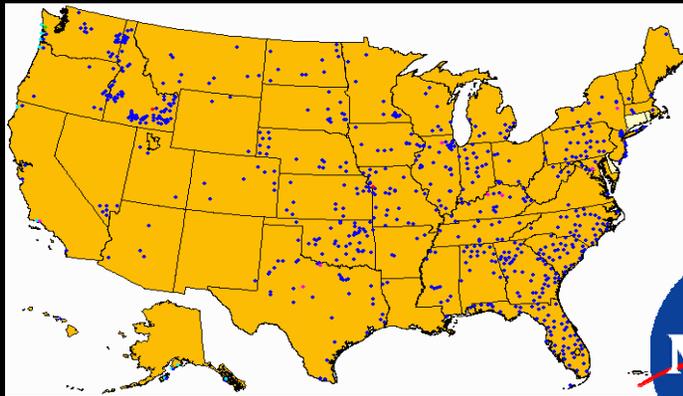
# NWS Suite of Products



# NOAA Business Model

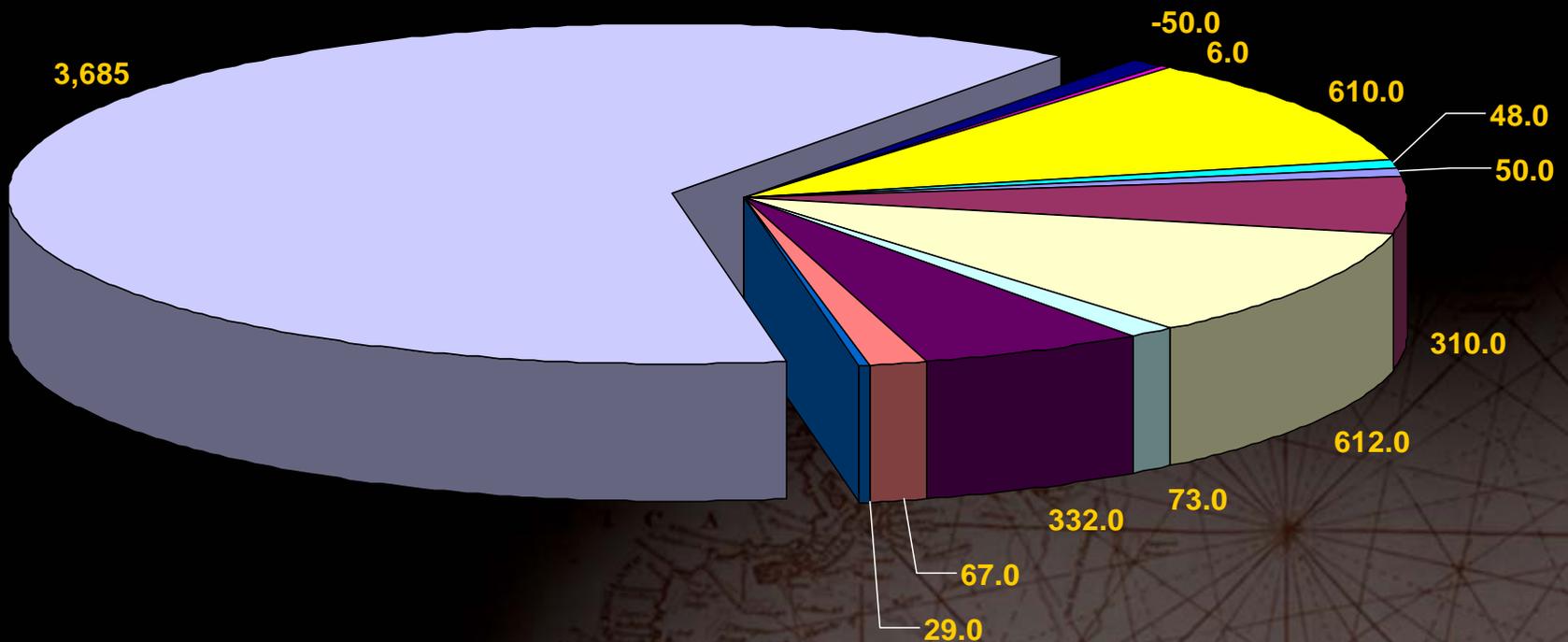


# Team Weather





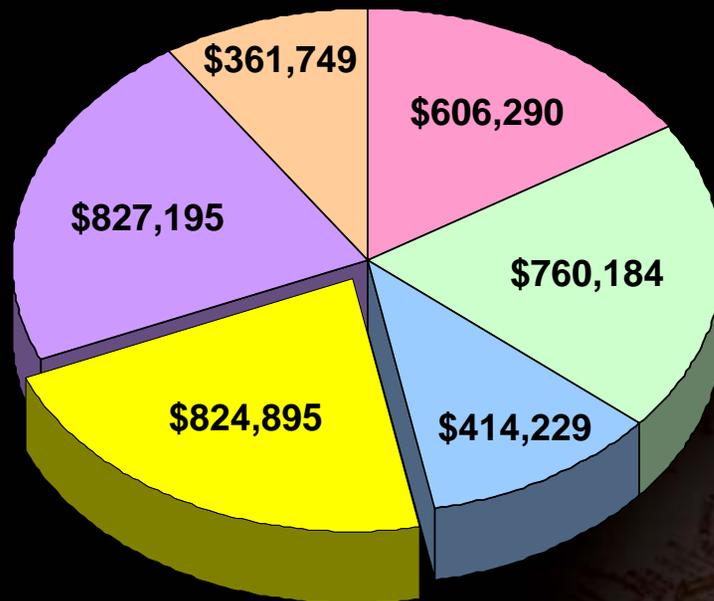
# Department of Commerce Budget (FY 04) \$5.8B



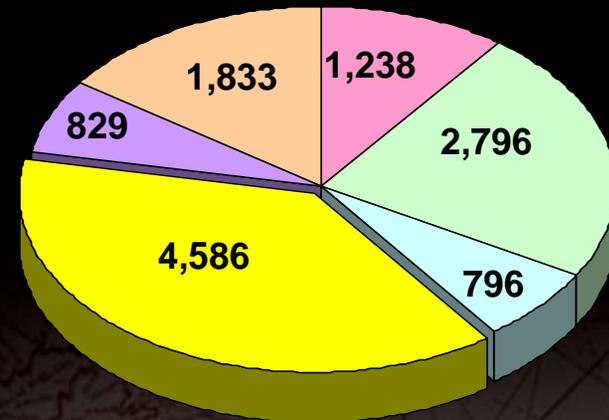
- |  |  |
|--|--|
| <span style="color: blue;">■</span> Departmental Management                          | <span style="color: purple;">■</span> Economic Development Administration                      |
| <span style="color: yellow;">■</span> Bureau of the Census                           | <span style="color: cyan;">■</span> Economic and Statistics Administration                     |
| <span style="color: purple;">■</span> International Trade Administration             | <span style="color: red;">■</span> Bureau of Industry and Security                             |
| <span style="color: blue;">■</span> Minority Business Development Agency             | <span style="color: lightblue;">■</span> National Oceanic and Atmospheric Administration       |
| <span style="color: darkblue;">■</span> Patent and Trademark Office                  | <span style="color: magenta;">■</span> Office of Technology Policy                             |
| <span style="color: yellow;">■</span> National Institute of Standards and Technology | <span style="color: cyan;">■</span> National Telecommunications and Information Administration |

# NOAA Budget (FY 04) \$3.7B

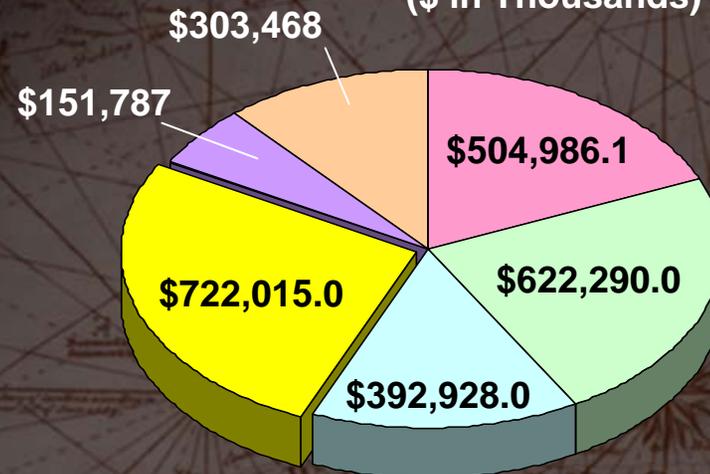
**FY04 NOAA Appropriation**  
(\$ in Thousands)



**FY04 NOAA Employees**

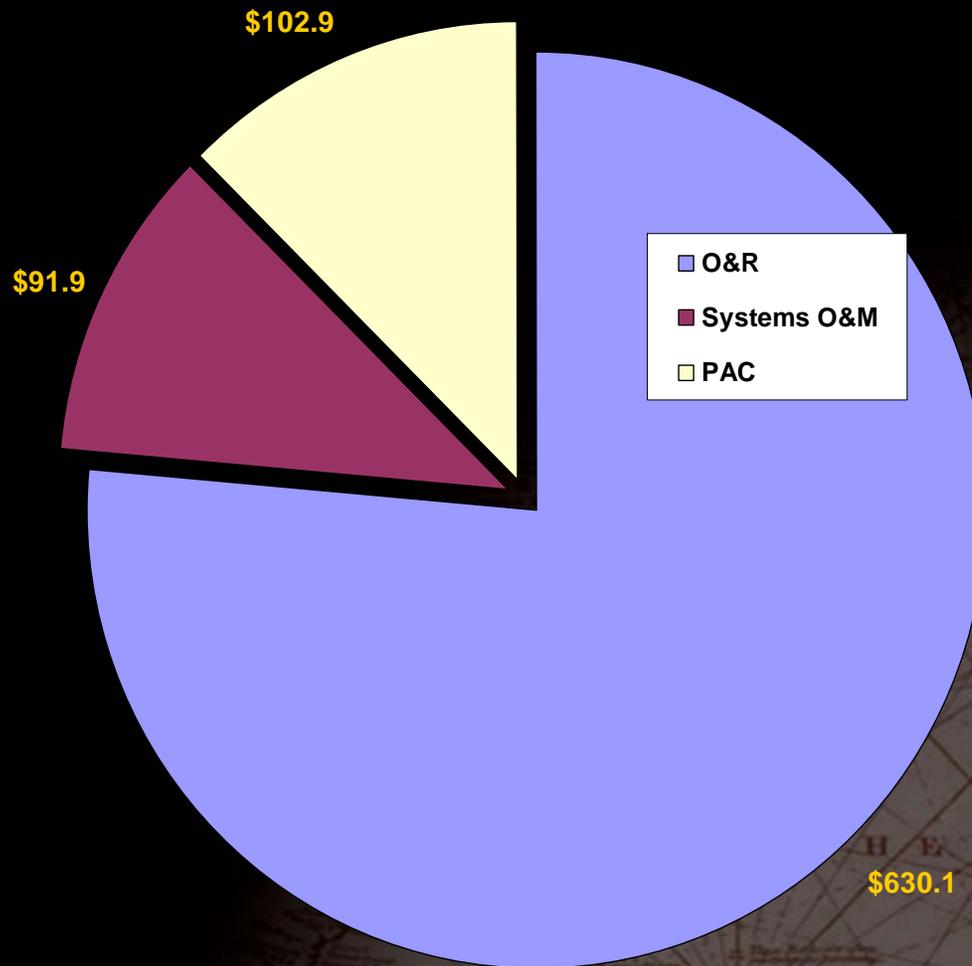


**FY04 NOAA Appropriation Operations, Research, Facilities**  
(\$ in Thousands)

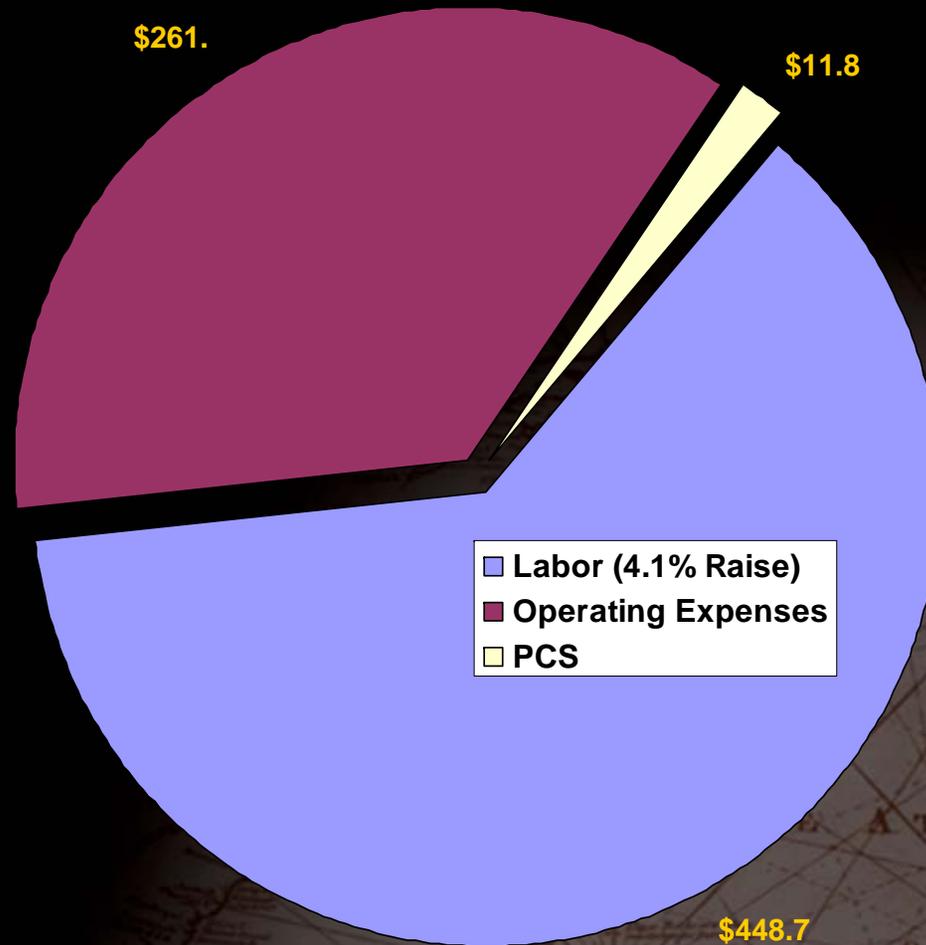


- Ocean Service
- Fisheries Service
- Research
- Weather Service
- Satellite Service
- Program Integration

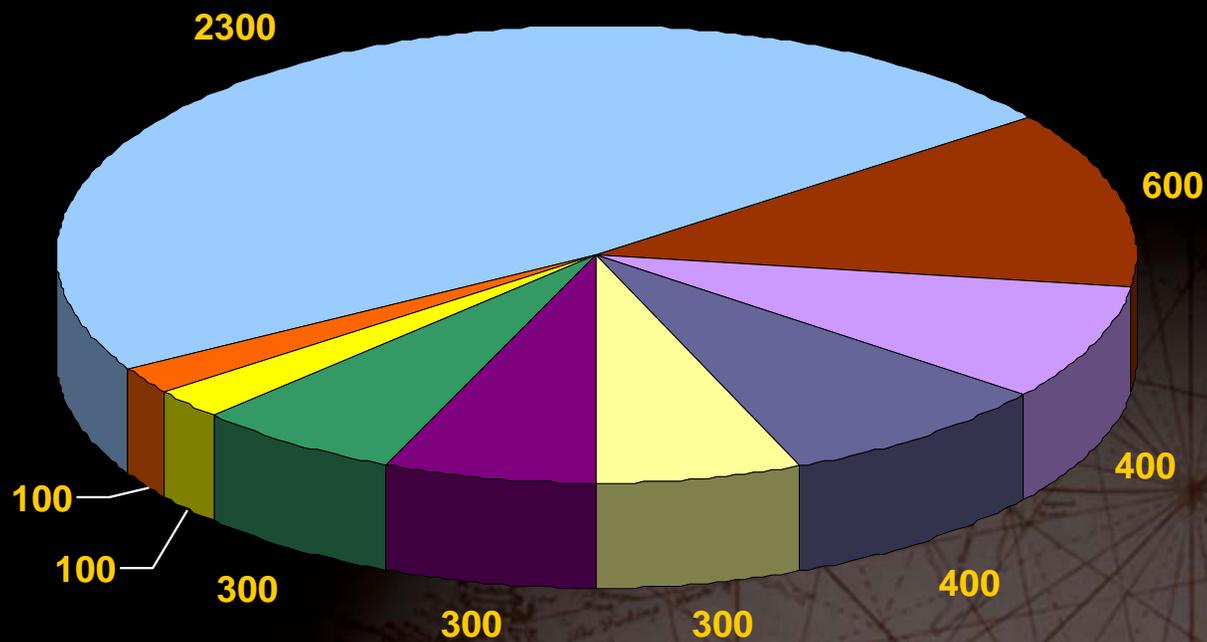
# NWS Budget (FY 04) \$824.9M



# NWS Budget (FY 04) ORF \$722M



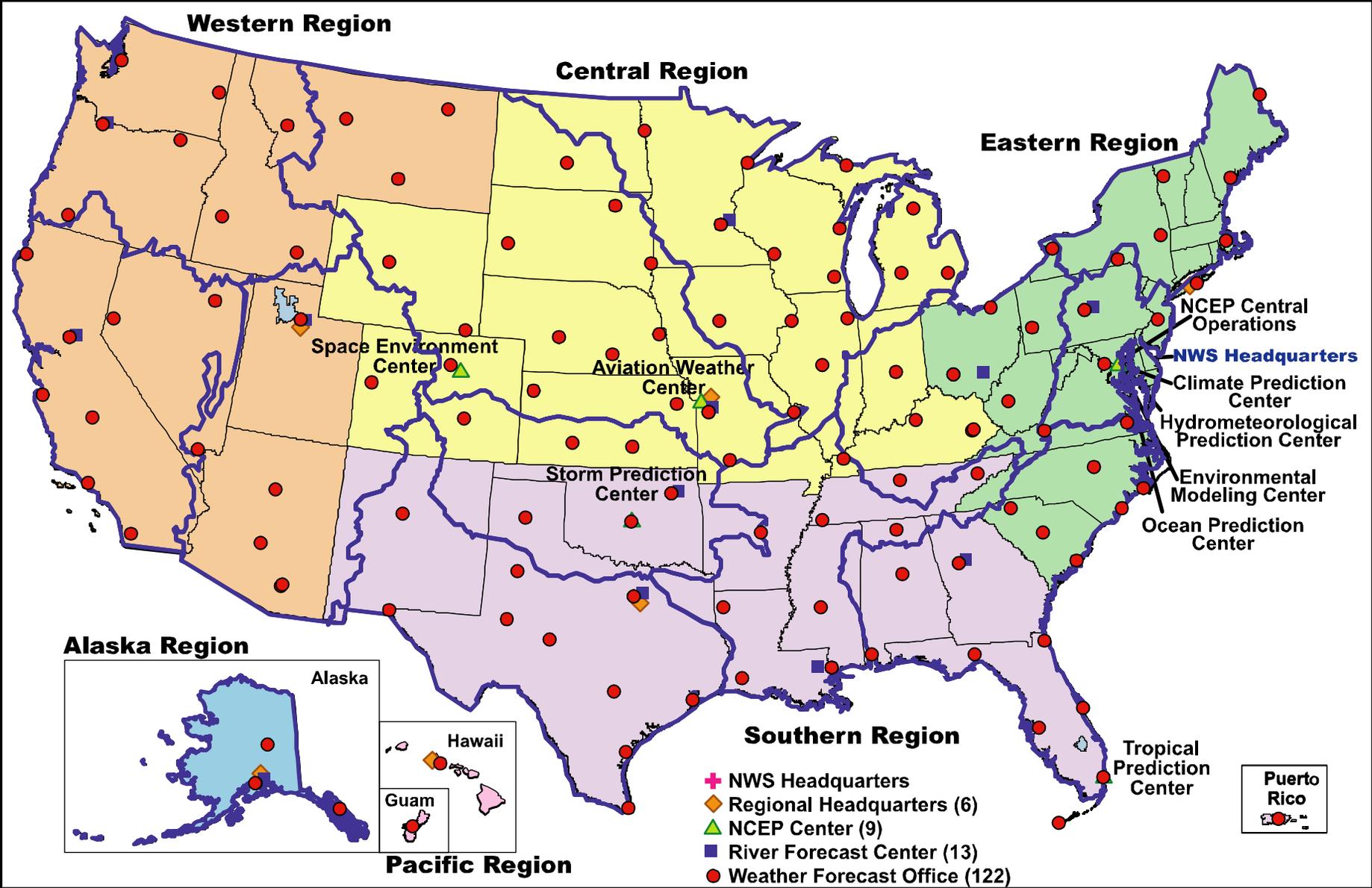
# NWS (FY 04) Human Capital



- Meteorologist
- Maintenance Technician
- Hydrologist
- Clerical
- Engineer

- Hydromet Technician
- Information Technology
- Administrative
- Scientist

# NWS Across America



# NWS Specialized Centers

- Spaceflight Meteorology Group
- National Reconditioning Center
- National Operational Hydrologic Remote Sensing Center
- International Tsunami Information Center



National Reconditioning Center

National Operational Hydrologic Remote Sensing Center



Western Region

Central Region

Eastern Region

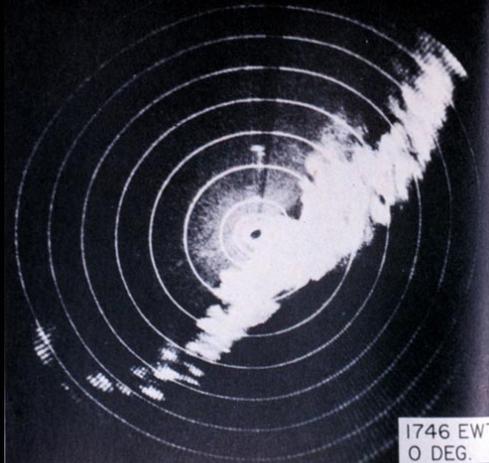
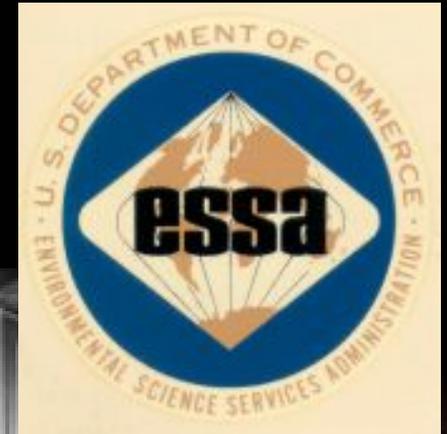
Southern Region

Pacific Region

Alaska Region

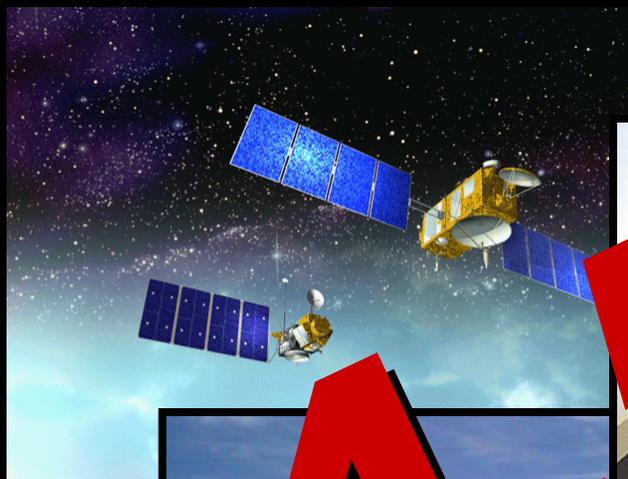
Puert Rico  
ITC

# NWS History



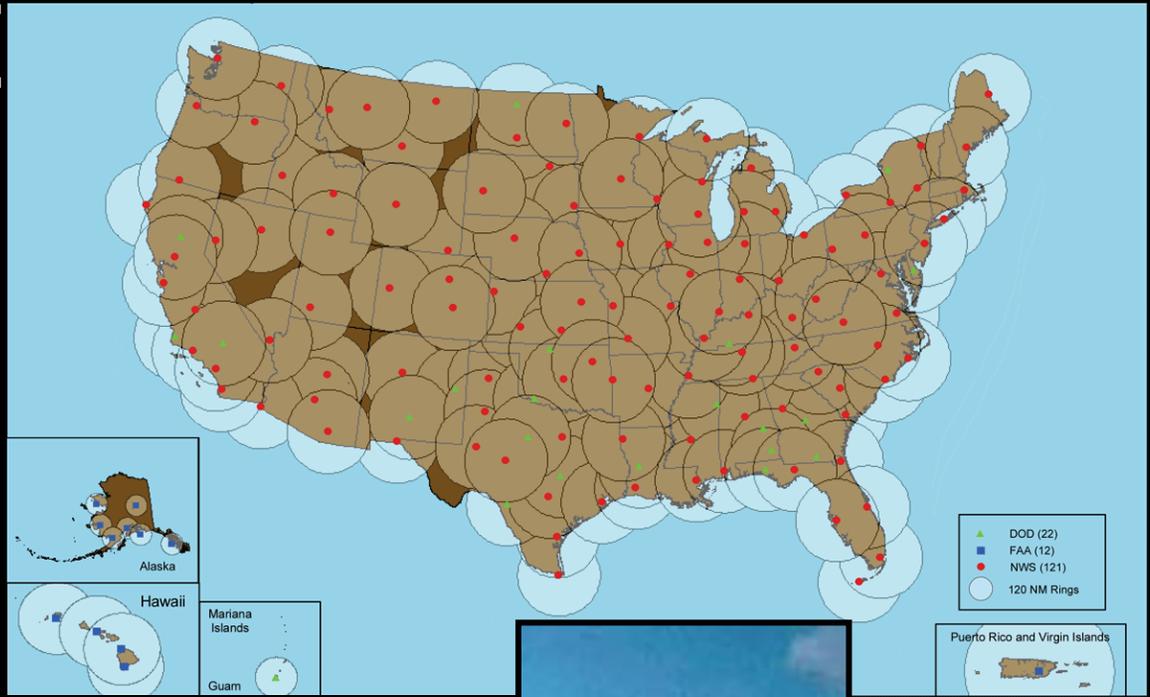
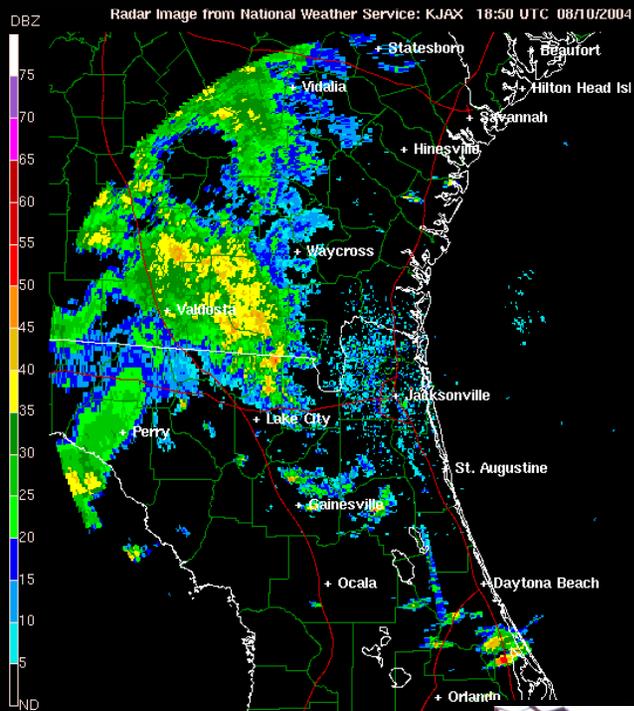
# Leveraging the Modernization Investment

- NEXRAD (121)
- AWIPS (154)
- ASOS (313)
- Supercomputer
- Workforce Restructuring
- Office Construction
- Satellites



**\$4.5B**

# NEXRAD Doppler Radar



# Surface Observations



Alaska

## NATIONAL WEATHER SERVICE ASOS SITES



### ASOS AGENCY

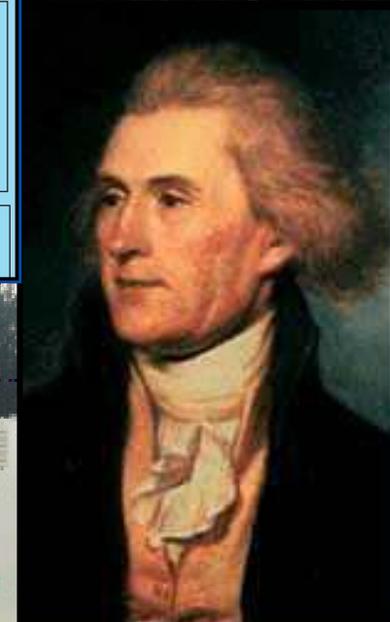
- ◆ NWS
- ▲ FAA
- + FAA Expansion
- NAVY
- ▼ USAF

### Puerto Rico and Virgin Islands



JULY 2004

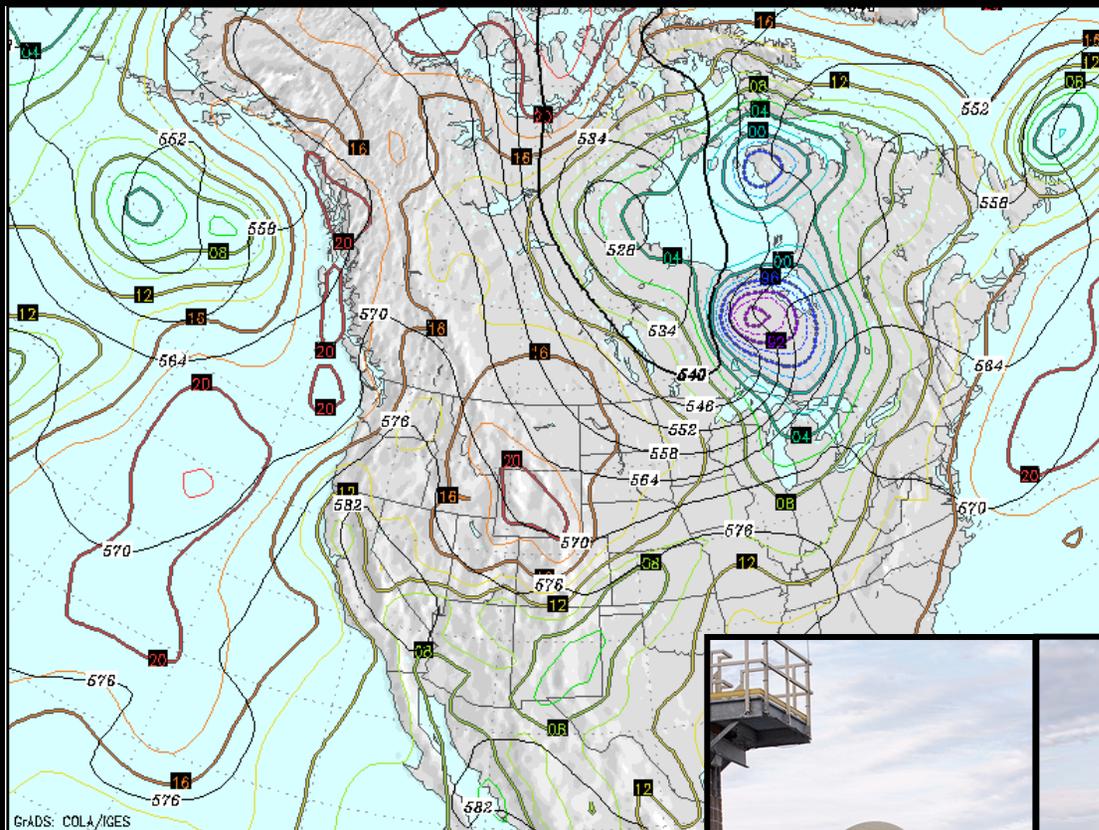
MIRS GIS GROUP



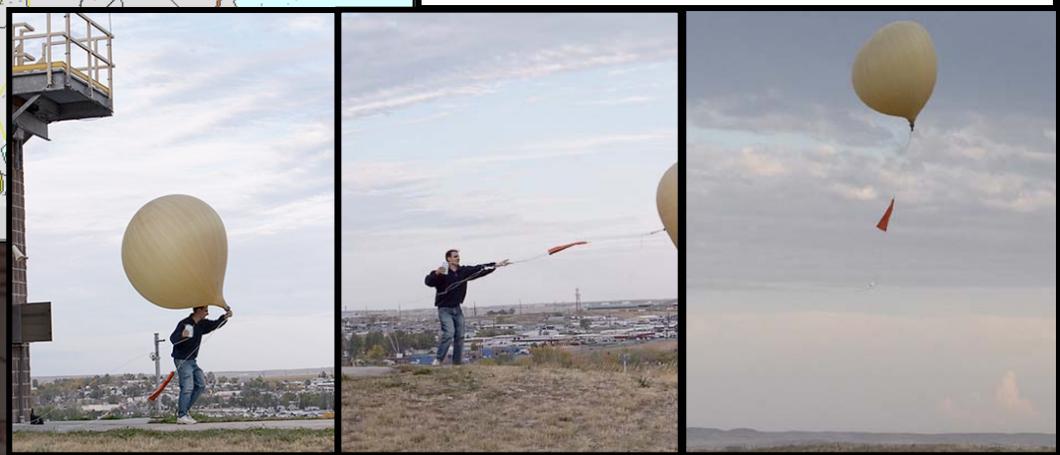
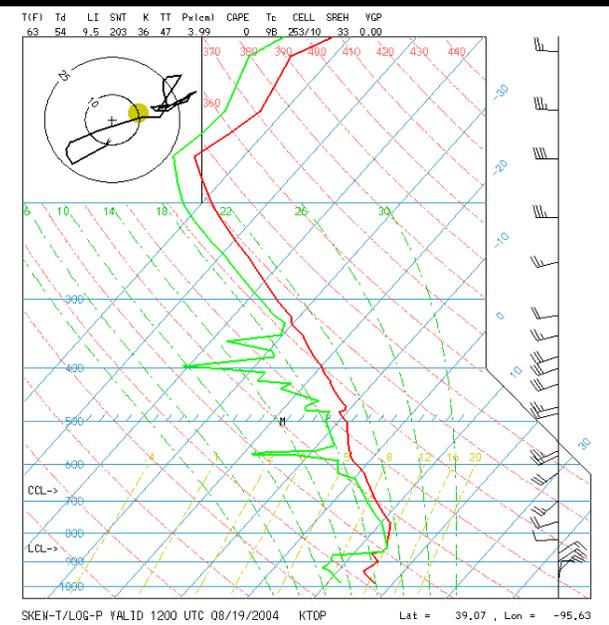
# NWR All Hazards



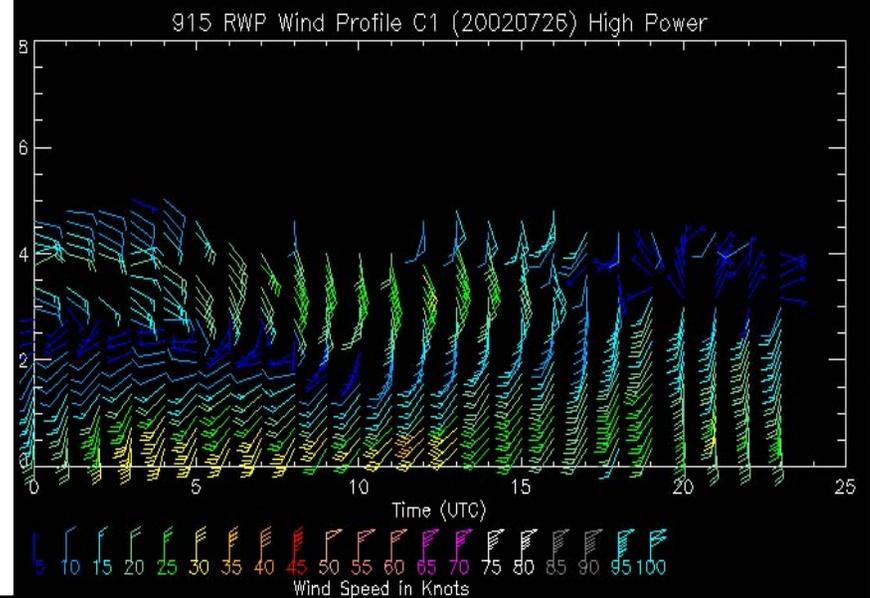
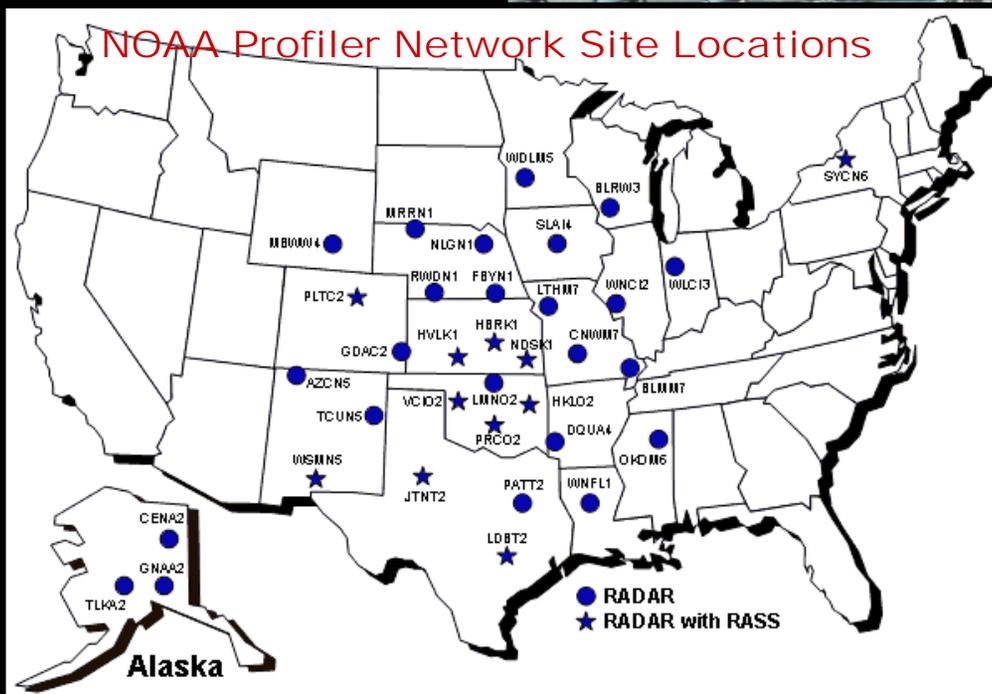
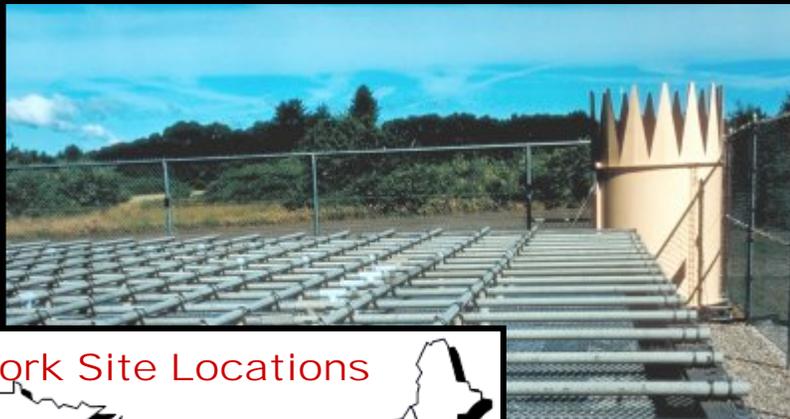
# Upper Air



GRADS: COLA/IGES  
ETA Analysis: 00Z Thu 19 AUG 2004



# Wind Profilers



# Advanced Hydrologic Prediction Service (AHPS)



# NOAA Working Together



## NOAA Chesapeake Bay Office

### Chesapeake Bay News

#### [NCBO announces funding availability for Chesapeake Bay](#)

**Education initiatives:** Approximately \$2.2 Million may be made available for education projects: meaningful Bay experiences for students and environmental education professional development opportunities for teachers. Proposals due by 5 pm on October 18th, 2004.

#### [2004 Blue Crab Advisory Report](#)

On June 3, 2004, the Chesapeake Bay Stock Assessment Committee (CBSAC) released the latest Blue Crab Advisory Report. The report states that the blue crab population in the Chesapeake Bay made modest gains last year. Scientists warned, however, that the overall health of the blue crab population warrants continued concern, and fisheries managers in Maryland, Virginia and the Potomac River Fisheries Commission are being advised to retain protective blue crab fishery restrictions in order to insure the long-term sustainability of the blue crab population. (For more information, contact [Derek Ormer](#)).

#### [NCBO announces funding availability for two Chesapeake Bay](#)

**initiatives:** (1) Submerged aquatic vegetation; and, (2) Non-native oyster research. Approximately \$550,000 may be made available for SAV projects and approximately \$2 million may be made available for non-native oyster research. Go to the [NCBO Grants and funding opportunities](#) page for the full announcement. (For more information, contact [Derek Ormer](#)).

#### [Coastal Prediction Center- Chesapeake Bay forecasts](#)

#### [Ecosystem Model Being Developed for Chesapeake Bay](#)

### Chesapeake Bay

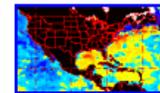
[Fact Sheets](#)

[Events](#)

[Newsclips](#)

[Bay Journal](#)

### Features



Chesapeake Bay  
Coastal Prediction  
Center



Chesapeake Bay  
Fish Poster

In the News

Fish & Shellfish

Habitat

SAV

Education

Ecosystem Model

GIS

About NCBO

[Grants and  
Funding  
Opportunities](#)

[2002 NCBO  
Reauthorization](#) 

[1992 NCBO  
Authorization](#) 

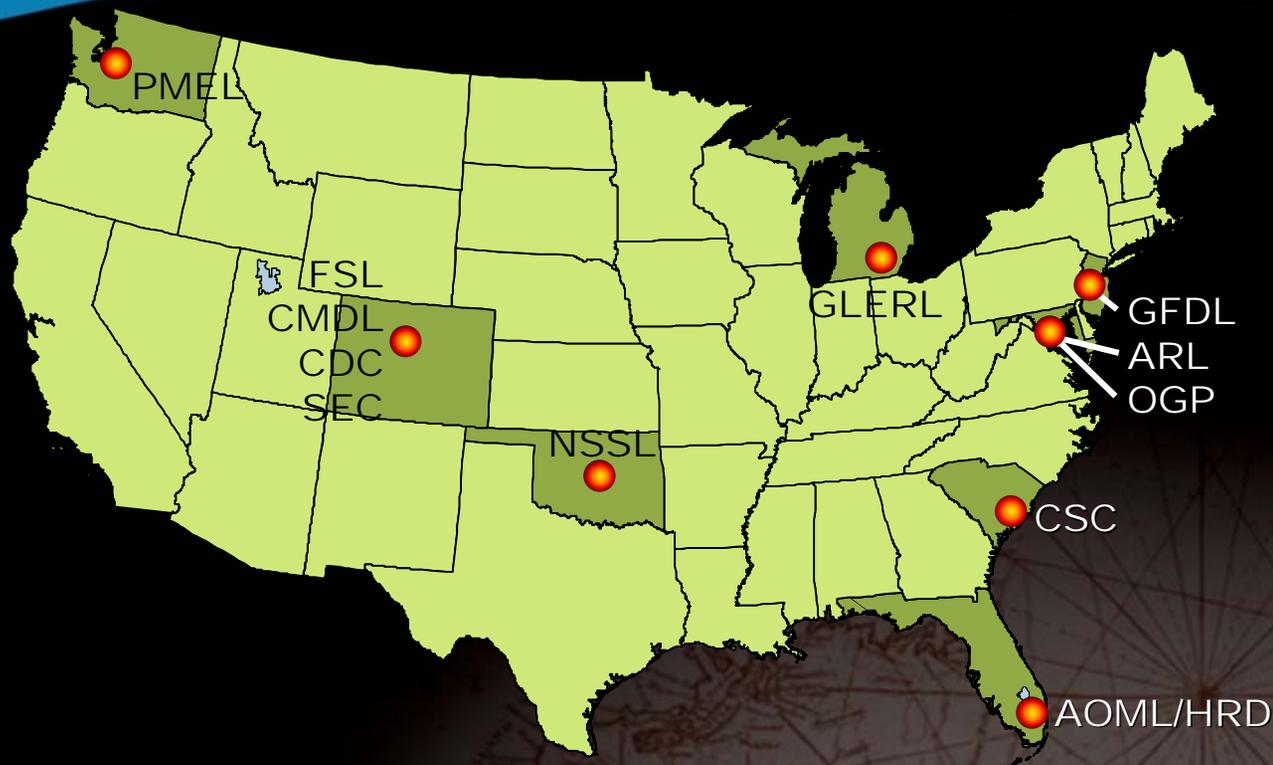
[Directions to NCBO](#)

[Annapolis Hotels,  
Food, and Fun](#)

**CIMS**

Chesapeake  
Information  
Management  
System

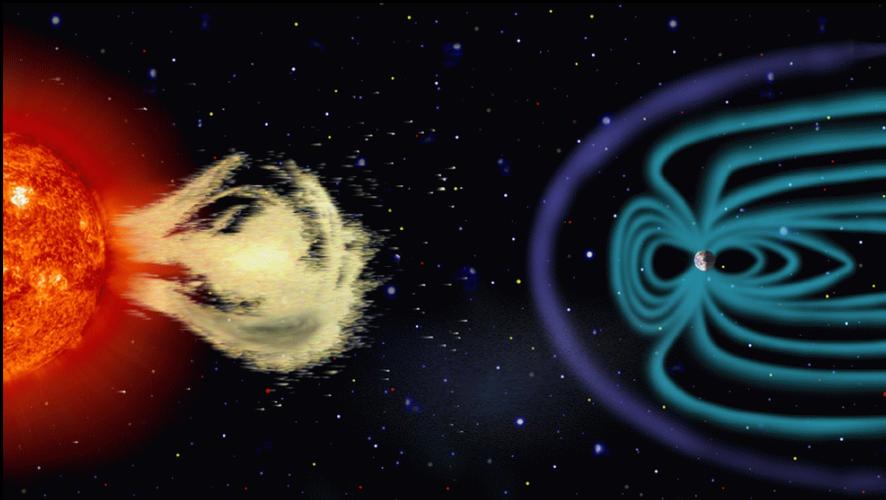
# NOAA Working Together



- Air Resources Laboratory (ARL)
- Atlantic Oceanographic and Meteorological Laboratory (AOML)/ Hurricane Research Division (HRD)
- Climate Diagnostics Center (CDC)
- Climate Monitoring & Diagnostics Laboratory (CMDL)
- Coastal Services Center (CSC)
- Forecast Systems Laboratory (FSL)
- Geophysical Fluid Dynamics Laboratory (GFDL)
- Great Lakes Environmental Research Laboratory (GLERL)
- National Severe Storms Laboratory (NSSL)
- Office of Global Programs (OGP)
- Pacific Marine Environmental Laboratory (PMEL)
- Space Environment Center (SEC)

# NOAA Working Together

## Research to Operations

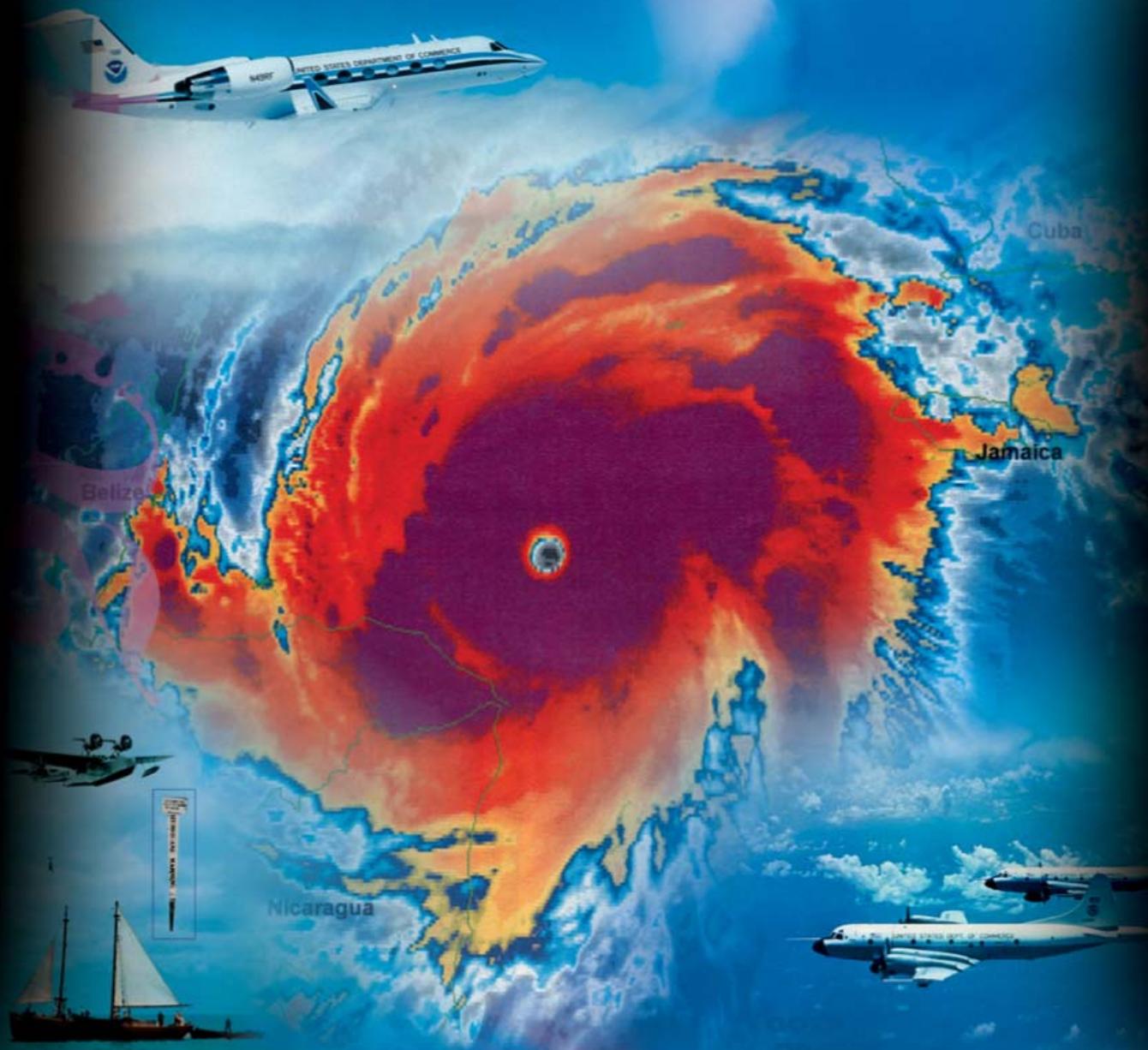


Space Environment Center



Tropical Atmosphere Ocean  
Array

# NOAA Working Together



# NOAA Business Model

