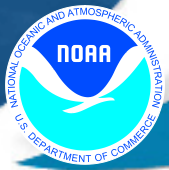


NWS Director Briefing

FY 2012 Implementation Plan for Training and Education

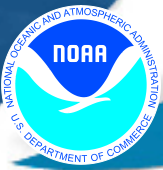
September 30, 2011



Outline



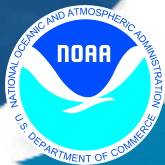
- **Budget Assumptions**
- **Resource Breakout**
- **Training Highlights by Area**
- **Strategic Training Initiatives**
- **Summary**
- **Background**



FY12 Budget Assumptions



- **Assumes Level-funded Base funds from OCWWS.**
- **Assumes OST fully funds AWIPS-related activities for FY12**
- **Assumes OOS NEXRAD funds are level-funded from FY11.**
- **Assumes all OST & OOS system funds pay for their appropriate system training.**

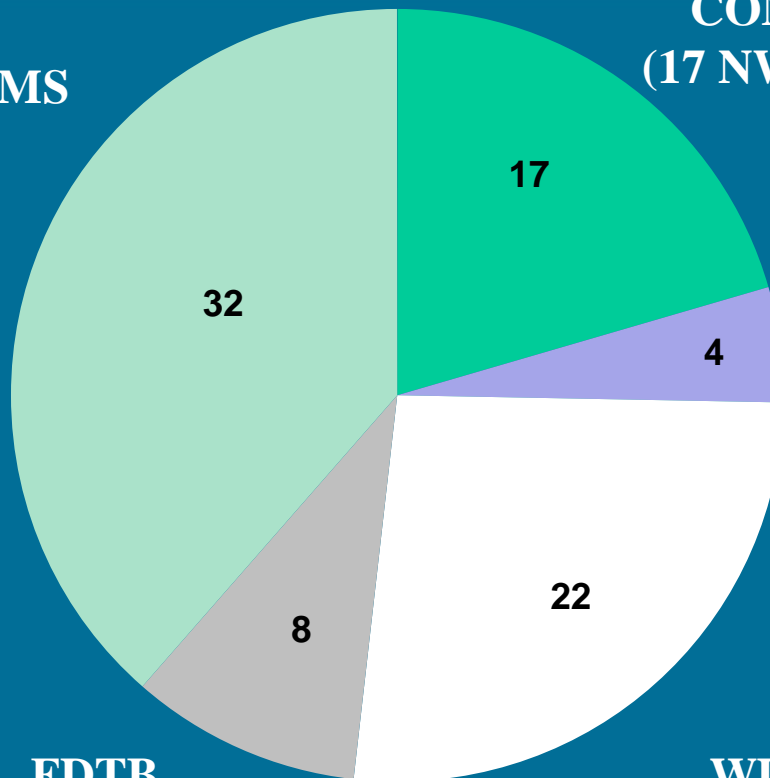


IP12 Staffing Breakout

46 FTE + 37 (COMET/CIs/Contractors)



NWSTC
27 FTE + 3 CIMMS
(GOES funded) +
2 contractors
(NWS funded)

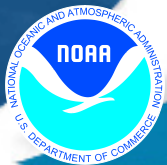


COMET
(17 NWS Funded)

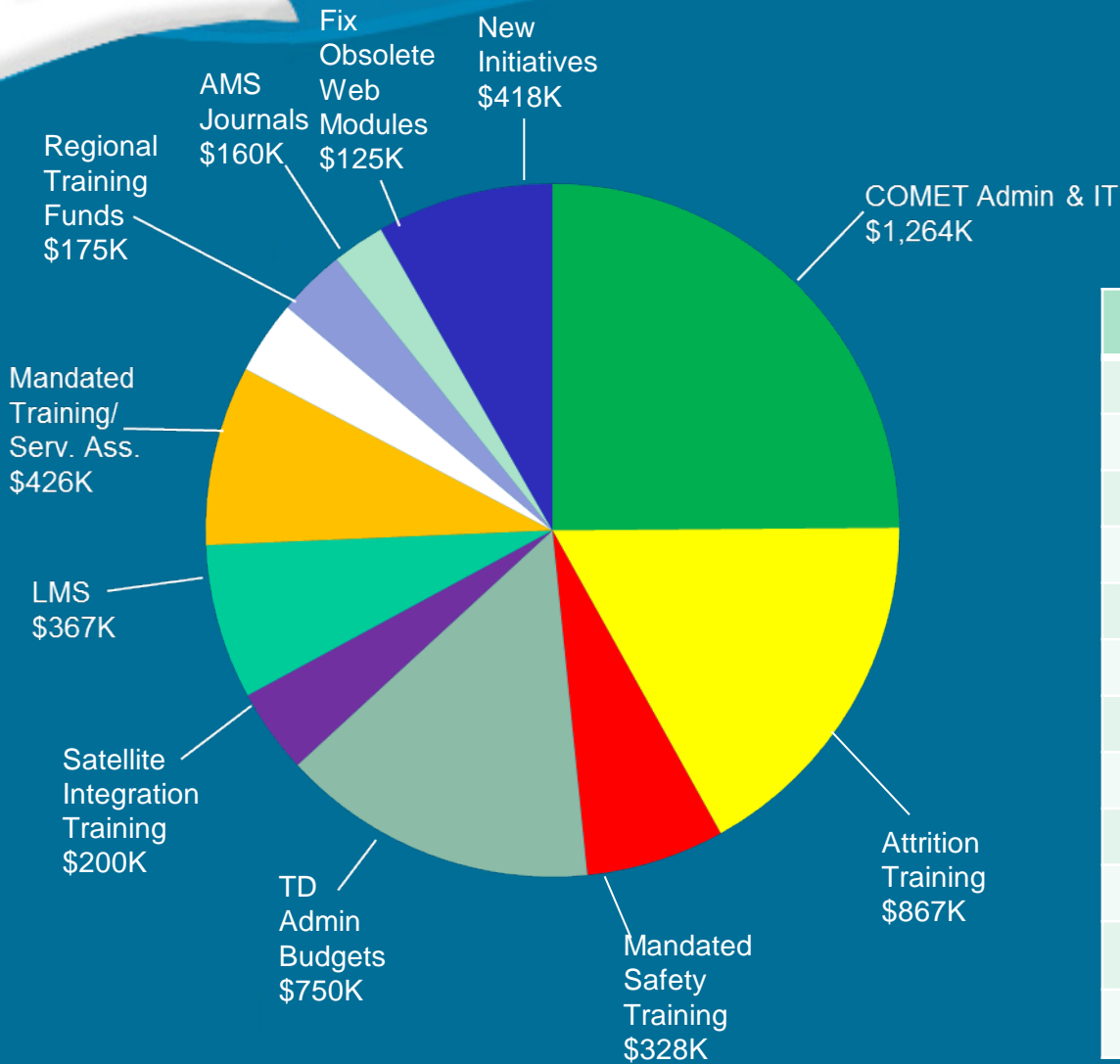
HQ
4 FTE

FDTB
6 FTE + 2 VISIT

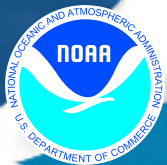
WDTB
9 FTE + 11 CIMMS + 2 Contractors



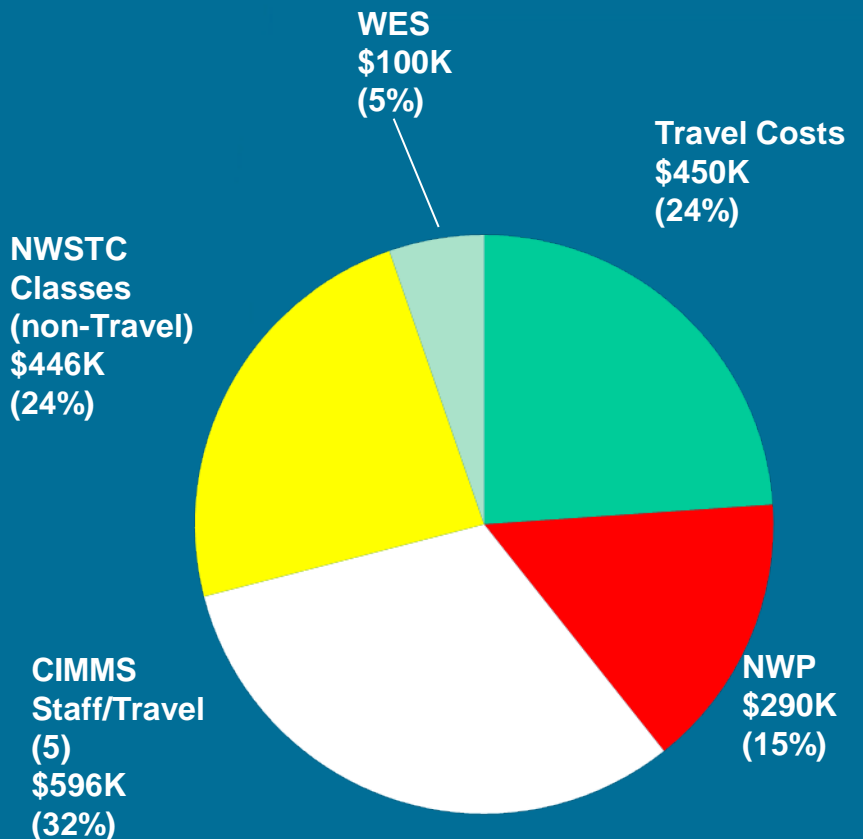
FY12 Base Budget Breakout



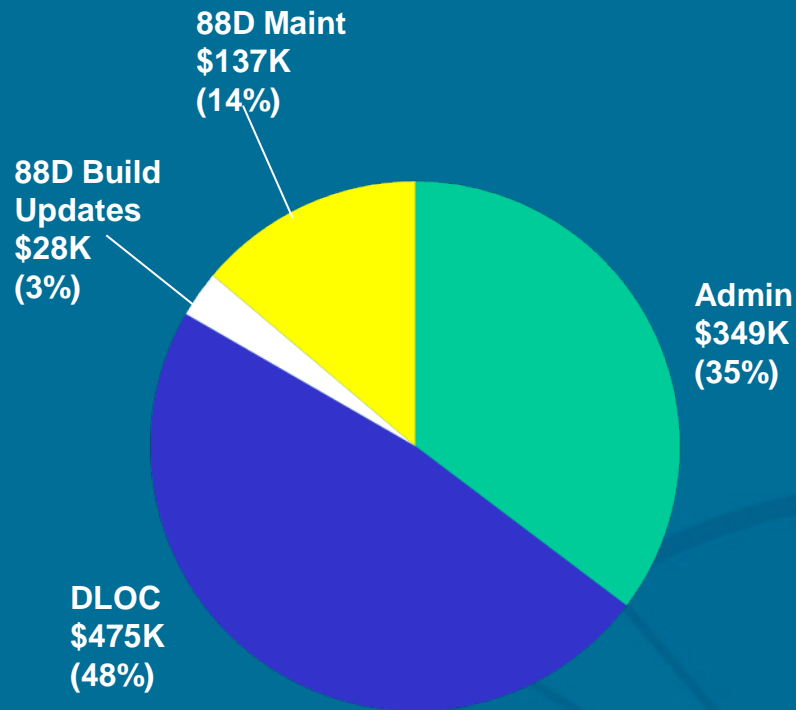
Program	\$K	%
COMET Admin & IT	1,264	24.9
Attrition Training	867	17.1
Mandated Safety Training	328	6.5
TD Admin Budgets	750	14.8
Satellite Integration Training	200	3.9
LMS	367	7.2
Mandated Training / Serv. Ass.	426	8.4
Regional Training Funds	175	3.4
AMS Journals	160	3.1
Fix Obsolete Web Modules	125	2.5
New Initiatives	418	8.2
TOTAL	5,080	100



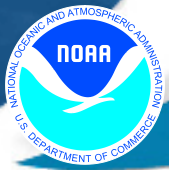
FY12 AWIPS O&M/NEXRAD Budget Breakouts



AWIPS O&M Funds - \$1,882K



NEXRAD Funds - \$989K

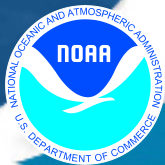


OST AWIPS Training



AWIPS II Training

- **System Admin Deployment courses – for ESA/ITO.**
- **Linux for WFO/RFCs Course – pre-requisite for System Admin training.**
- **Applications Focal Point Training modules released for Deployment.**
- **OCWWS Base funds salaries of OCWWS FTE AWIPS trainers.**
- **OST AWIPS funds 5 CIMMS staff and travel: 4 at WDTB and 1 at NWSTC to develop Build training for new software releases.**
- **WES I / WES II Bridge support.**



Aviation and Marine Training



Aviation

Funded by OCWWS Aviation Services Branch (ASB) (\$300K):

- Module on Space Weather Impacts to Aviation
- DLAC-III - *Improving Aviation Weather Services*

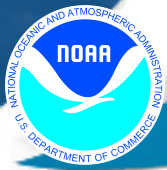
Active PDS team (led by Julie Adolphson & OCWWS ASB) defining priorities for CWSU, AWC and WFO with links to DSS

Marine

Funded:

- Nearshore Wave Modeling Module
- Communicating the Impacts of Extreme Marine Hazards DL Module

Active PDS team (led by OCWWS Marine Branch) defining priorities with links to DSS



Climate, Fire, Hydrology, Space Weather Training



Climate

- Plan funds Climate Variability (Basic and Advanced) to NWS focal points.

Fire Weather

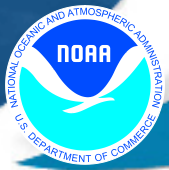
- IMET Workshop funded (\$180K).
- Fire Weather PDS team is finishing work.

Hydrology

- CHPS Training is highest priority.
- New Hydro PDS Team (\$64K for COMET/FDTB/NWSTC).

Space Weather

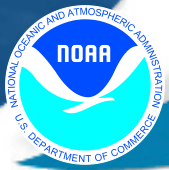
- COMET ® updating its basic space weather module.
- NWSTC work with SWPC – “Handling Space Weather Inquiries” module.



Maintenance Training



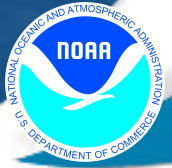
- **Dual-Pol Maintenance/Support/Outreach**
- **WRIP (Maintenance & Focal Point)**
- **RRS Maintenance (Attrition)**
- **ASOS Maintenance**
- **NWR Transmitter Maintenance (Armstrong, Armstrong 2010, Crown, Continental Crown, Nautel)**
- **Safety training (Environmental Compliance, Safety Training, Fall Protection Initial/Recert)**
- **Wind Profiler Deployment Support**



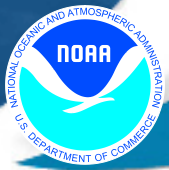
Summary



- **Training funding continues to be eroded by budget reductions and inflation.**
- **Mandatory training expenditures and classes deferred from FY11 have severely limited flexibility for Regional prioritization during NSTEP process.**
- **Strategic Training initiatives for NWS Services Roadmap underway with late FY12 and FY13 delivery.**



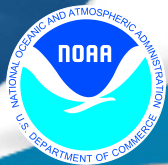
Background



IP12 Requirements



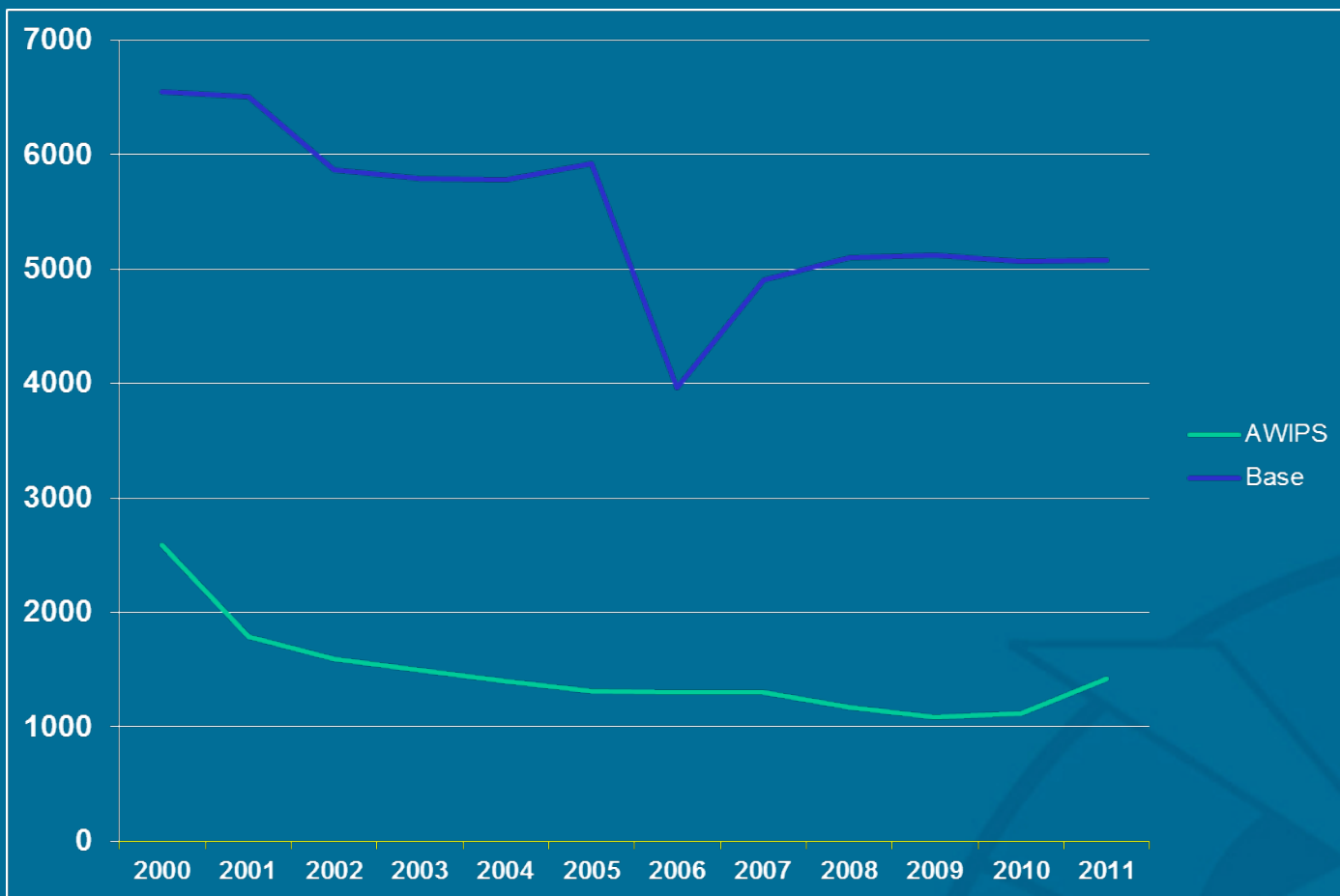
- **141 national training requirements were gathered as Performance Needs Statements (PNS).**
- **80 requirements (57%) received resources.**
- **\$5.8M in unmet training requirements needs.**



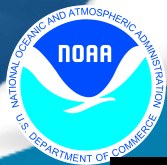
AWIPS and Base Funding of NWS Training



Dollars (\$K)



Fiscal Year



Vision: Distributed and Collaborative Simulations Focused on Human Factors and Decision Support



Other Government Decision Makers





- Collaborative simulations and interagency exercises: partnerships, teamwork and decision support
- Intraoffice and interoffice simulations (like FEMA, NASA/SMG, DoD)

