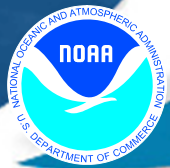


NWS Director Briefing

FY 2012 Implementation Plan for Training and Education Update #1 – November 2011

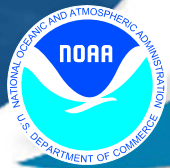
November 14, 2011



Outline



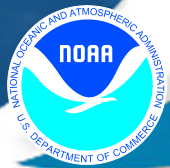
- Reason for Update/Budget Assumptions
- Resource Breakout
- Training Highlights by Area
- Strategic Training Initiatives
- Summary
- Background



FY12 Budget Assumptions/ Update



- **A \$250K cut from FY11 level-funded Base funds from OCWWS.**
- **Assumes OST fully funds AWIPS-related activities for FY12.**
- **A \$250K cut from FY11 level-funded OOS NEXRAD funds.**
- **Assumes all OST & OOS system funds pay for their appropriate system training (e.g., ASOS, GSD).**

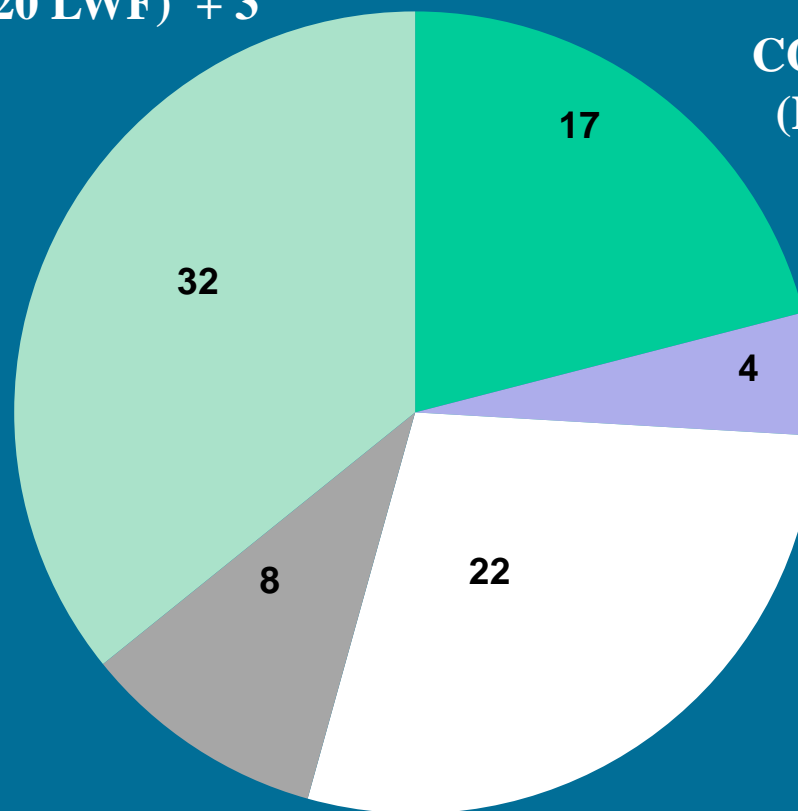


IP12 Staffing Breakout

46 FTE + 37 (COMET/CIs/Contractors)

NWSTC

27 FTE (7 NEXRAD, 20 LWF) + 3
CIMMS (GOES) +
2 contractors (LWF)

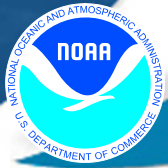


COMET
(LWF)

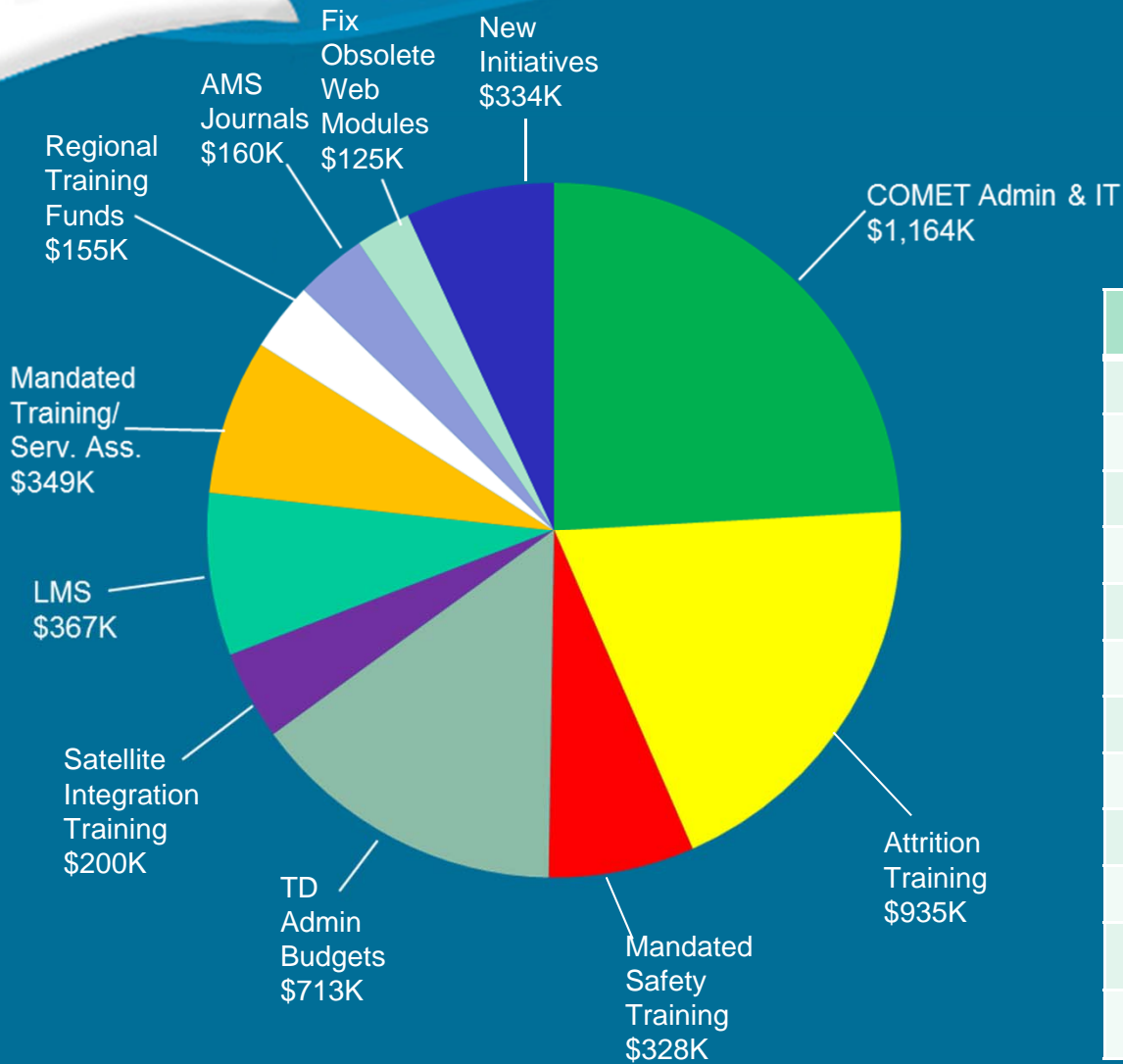
HQ
4 FTE (LWF)

FDTB
6 FTE (LWF) + 2 VISIT

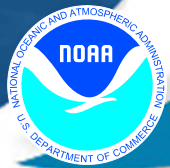
WDTB
9 FTE (NEXRAD) + 11 CIMMS + 2 Contractors



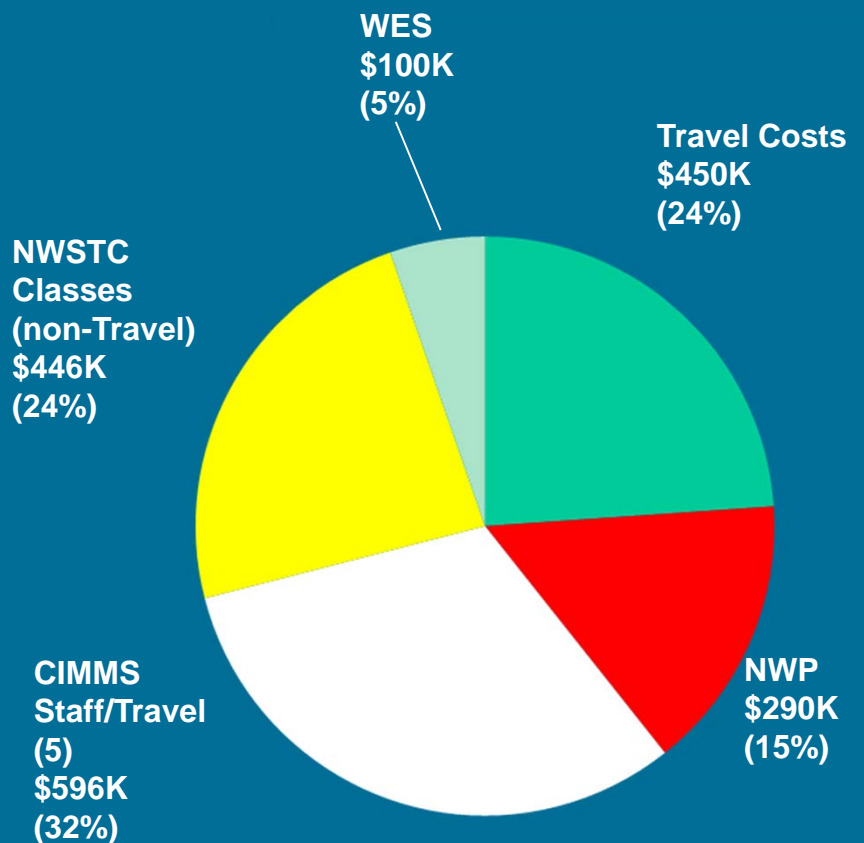
FY12 Base Budget Breakout



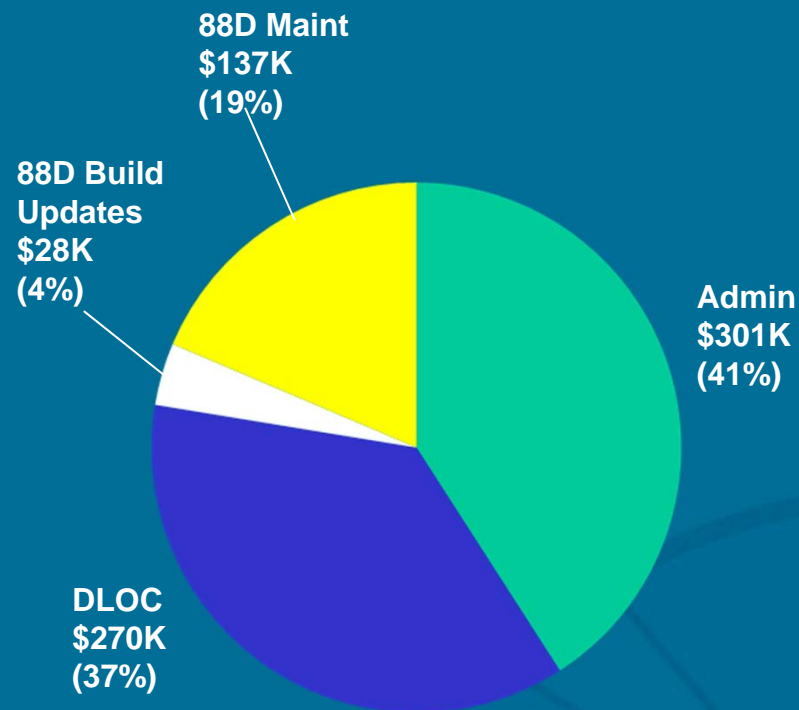
Program	\$K	%
COMET Admin & IT	1,164	24.1
Attrition Training	935	19.4
Mandated Safety Training	328	6.8
TD Admin Budgets	713	14.8
Satellite Integration Training	200	4.1
LMS	367	7.6
Mandated Training / Serv. Ass.	349	7.2
Regional Training Funds	155	3.2
AMS Journals	160	3.3
Fix Obsolete Web Modules	125	2.6
New Initiatives	334	6.9
TOTAL	4,830	100



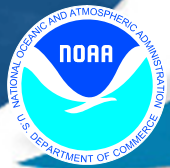
FY12 AWIPS O&M/NEXRAD Budget Breakouts



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



NEXRAD Funds - \$736K

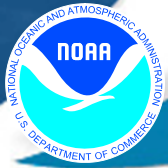


OST AWIPS Training



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*

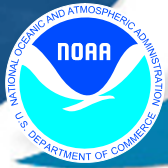
Active PDS team (led by Julie Adolphson & OCWWS ASB) defining priorities for CWSU, AWC and WFO with links to DSS

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

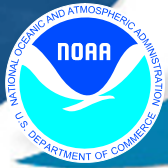
- IMET Workshop funded (\$155K).
- Fire Weather PDS team is finishing work.

Hydrology

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

Space Weather

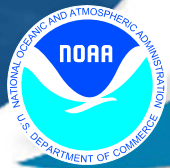
- COMET ® updating its basic space weather module.
- NWSTC work with SWPC – “Handling Space Weather Inquiries” module.



Maintenance Training



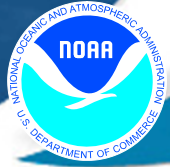
- **Dual-Pol Maintenance/Support/Outreach**
- **WRIP (Maintenance & Focal Point)**
- **RRS Maintenance (Attrition)**
- **ASOS Maintenance**
- **NWR Transmitter Maintenance (Armstrong 2010, Crown, Continental Crown, Nautel)**
- **Safety training (Environmental Compliance, Safety Training, Fall Protection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



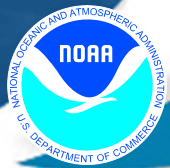
Summary



- **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 FY13 delivery.**



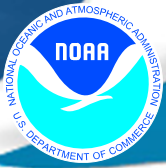
Background



IP12 Requirements



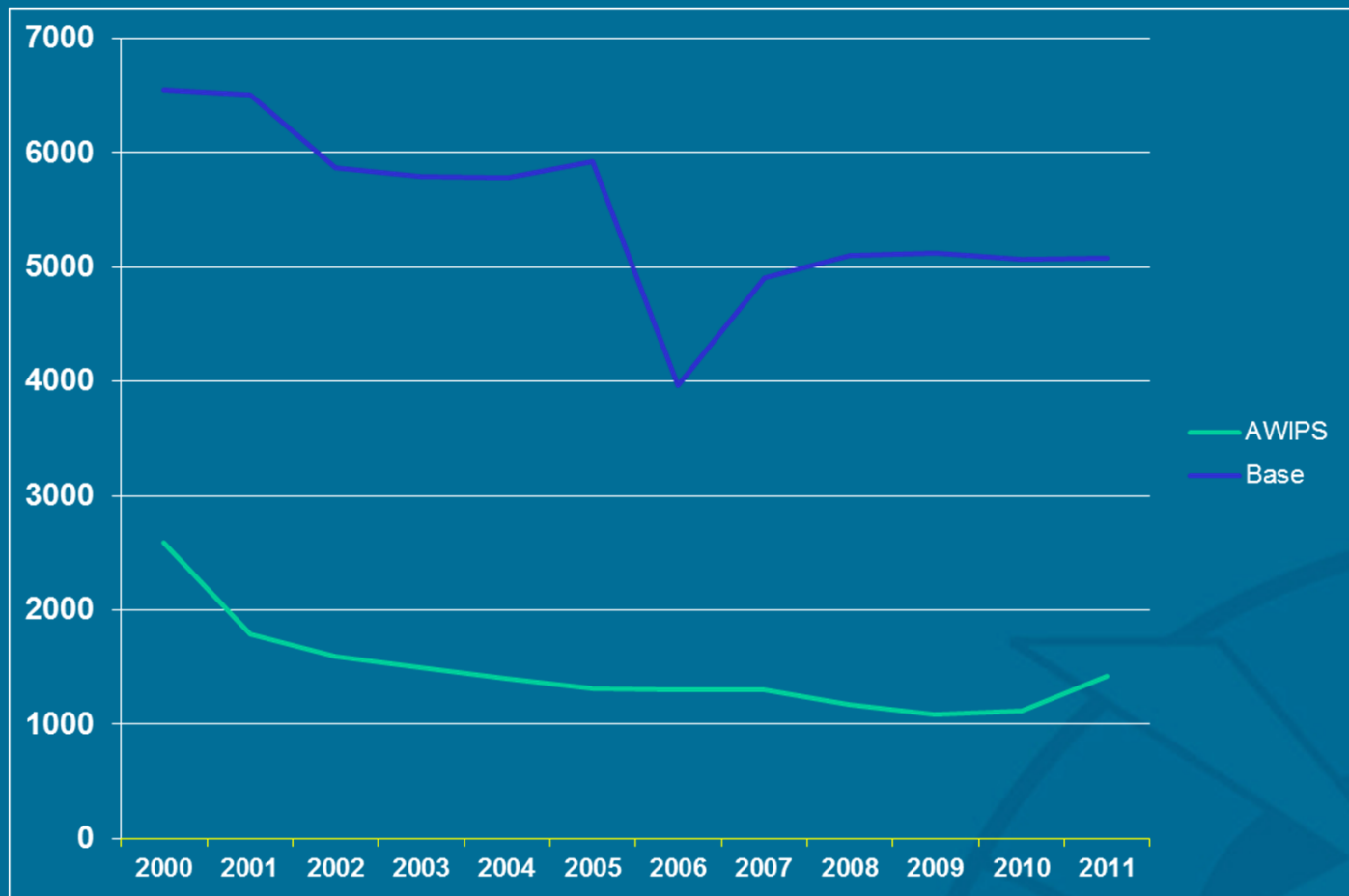
- **141 national training requirements were gathered as Performance Needs Statements (PNS).**
- **78 requirements (55%) received resources.**
- **\$6M in unmet training requirements needs.**



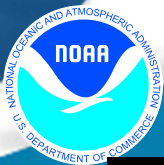
AWIPS and Base Funding of NWS Training



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)



Internet



WAN/NOAANet/VRF