

# NPOESS Userport: An International Training Resource

**Presented at the 2004 Satellite Direct Readout Conference:  
A Decade in Transition**

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UCAR/COMET®



# Cooperative Program for Operational Meteorology, Education and Training

Promote and enhance the science of weather forecasting through the education and training of weather forecasters, forecast users, faculty, and students.



# Cooperative Program for Operational Meteorology, Education and Training

## NOAA

- ▣ National Weather Service
- ▣ National Environmental Satellite Data Information Service
- ▣ National Polar-orbiting Operational Environmental Satellite Systems

## ▣ DoD

- ▣ Naval Meteorology, Oceanography Command
- ▣ Air Force Air Weather Agency

## ▣ International

- ▣ Meteorological Service of Canada



# Cooperative Program for Operational Meteorology, Education and Training

- ❑ Sophisticated Distance Learning
- ❑ Residence Courses
- ❑ Teletraining
- ❑ Case Study Library
- ❑ Multimedia Library
- ❑ Outreach Program
- ❑ International Activities

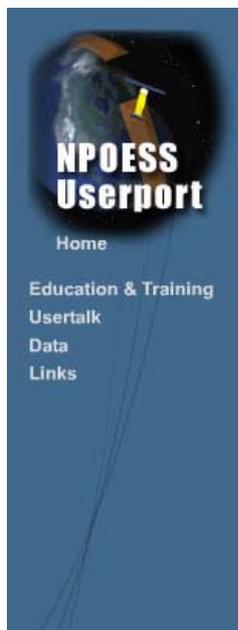
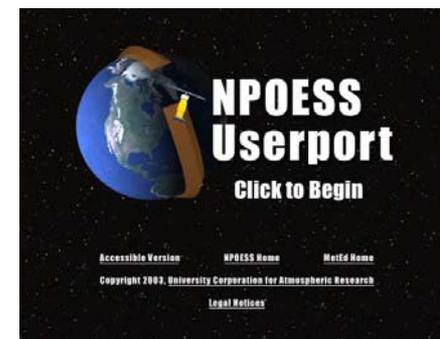


## COMET-IPO Collaboration

- The Integrated Program Office leads the NPOESS development effort
  
- COMET teams with the IPO to provide
  - The Userport Website—A site that provides access to training and educational materials
  - Continuing development of modules on polar-orbiting remote sensing with an emphasis on precursors to the NPOESS series of satellites
  - International curriculum development workshop on polar-orbiting remote sensing (May, 2004 Boulder, CO)

# Userport

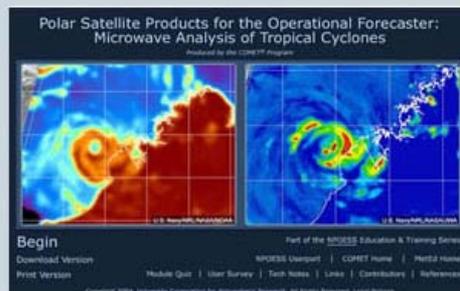
- ❑ Polar-orbiting satellites provide global coverage
- ❑ Userport is a free, no password site that provides access to training and educational materials



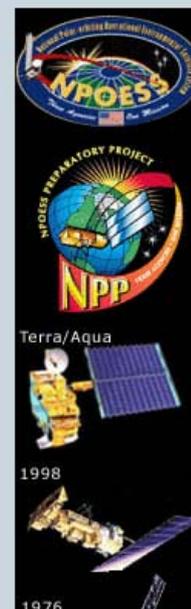
## What's New

(Note: All Webcast, module, and teletraining links will launch in a new window.)

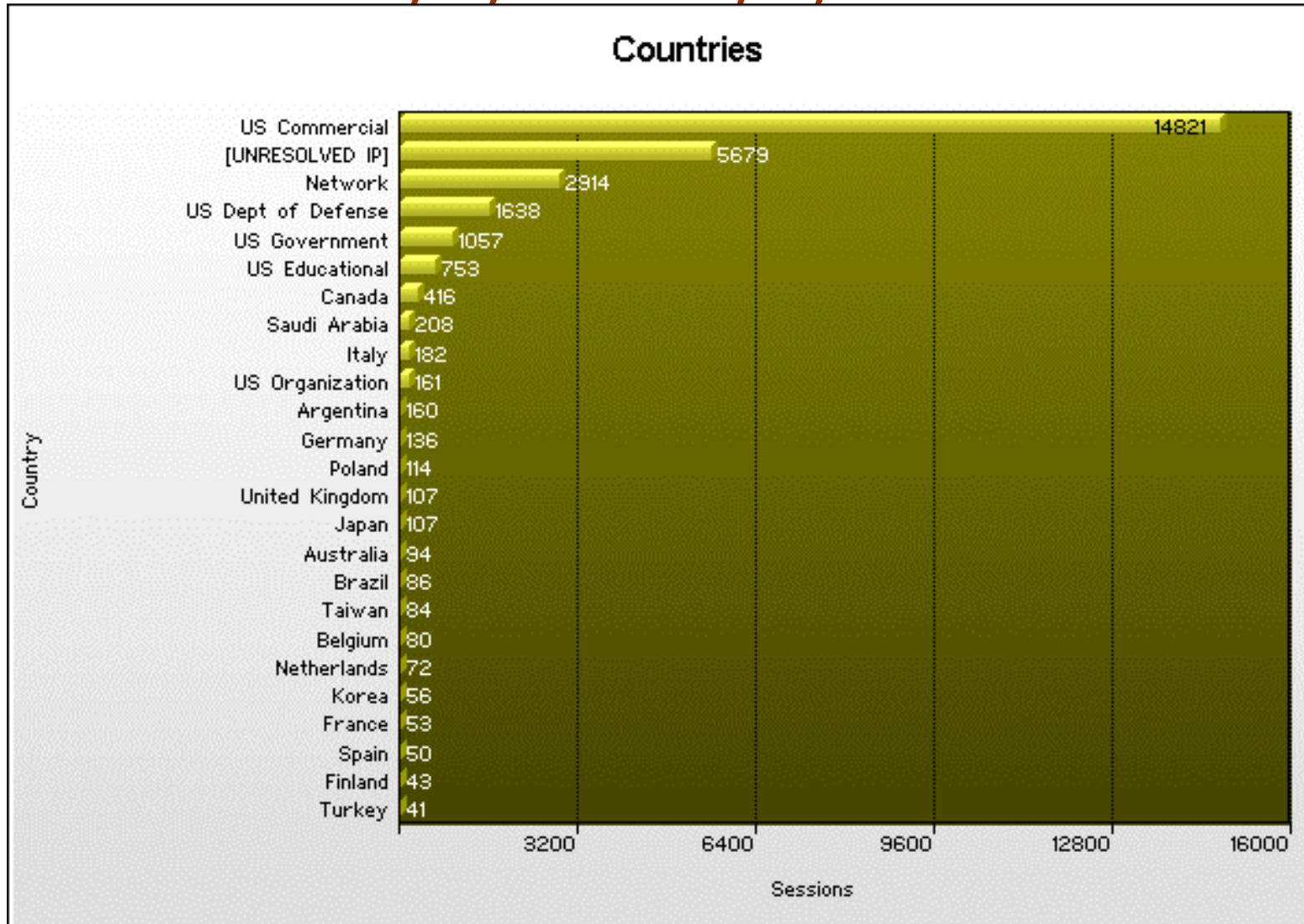
### New Module!



The COMET® Program and the IPO are pleased to announce the publication of *Polar Satellite Products for the Operational Forecaster: Microwave Analysis of Tropical Cyclones*. This



# Userport International Usage— 1/1/04-11/1/04



## International Activities

- ❑ Extensive collaboration with the Northern Latitude Team sponsored by Environment Canada
- ❑ Contact and planning with EUMETSAT on METOP training activities
- ❑ Module translation activities with RMTC in Costa Rica and the University of Buenos Aires

# International Case Examples

## **COMET/NPOESS modules include examples from around the world**

- Aurora—[Canada, Europe, and Antarctica](#)
- Dust Enhancement
  - [Central Asia](#)
  - [Australia](#)
- Fires and Smoke—[Central America](#)
- Snow and Ice Products
  - Snow Detection—[Canada](#)
  - Snow Cover Derived Product—[Canada, Alaska, and Arctic](#)
  - Cloud over Snow and Ice—[Antarctic](#)
- Volcanic Ash—[Italy](#)
- Sedimentation—[South Asia](#)
- Tropical Cyclone Analysis
  - [Africa](#)
  - [South Asia](#)
  - [South America](#)

## Future Initiatives

- ❑ Continue collaboration on EUMETSAT METOP training activities
- ❑ Expand module translation activities with RMTCs, with possible collaboration with Spain and France
- ❑ Solicit international participation at the Second NPOESS Curriculum Development Workshop (June, 2005)