

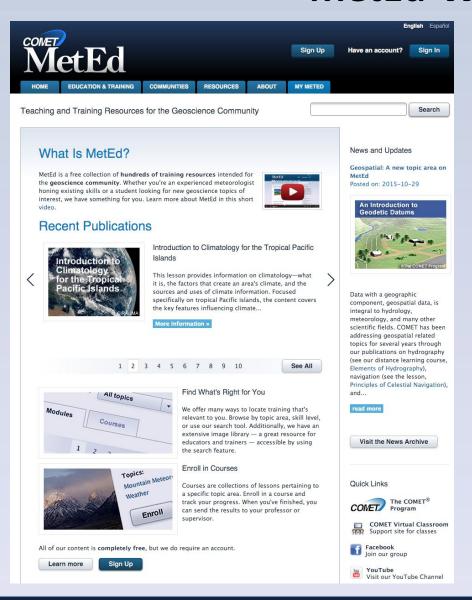
Update on COMET's Satellite Training Activities

Wendy Schreiber-Abshire & Patrick Dills May 2016





MetEd Website



Online Lessons: (as of 19 April 2016)

- 395 English, 134 Spanish,
 54 French, and others
- 81 of the lessons are on Satellite Meteorology

Registered Users:

- > 429,000, growing ~5,000/month
- ~52,000 return users each year complete ~5.7 hours of instruction annually

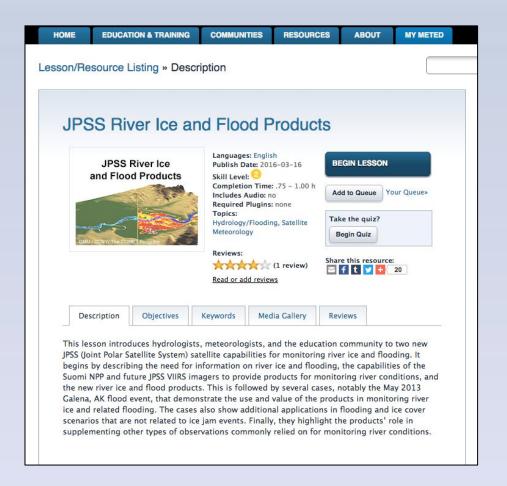
Sponsors:

 NESDIS GOES-R and JPSS fund satellite training at COMET and attract additional funding and in kind support from both EUMETSAT and the Meteorological Service of Canada





JPSS Specific Lessons:





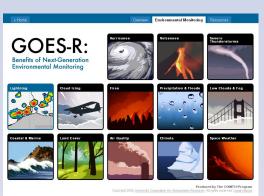
- Newest lesson: JPSS River Ice and Flood Products
- Next project: Resources on MetEd in support of DB and CSPP Products
- Anticipating "SatFC-P"



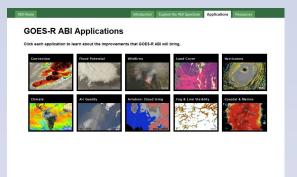


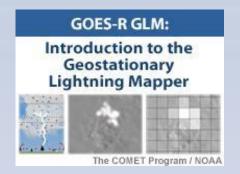
Existing GOES-R Specific Lessons:













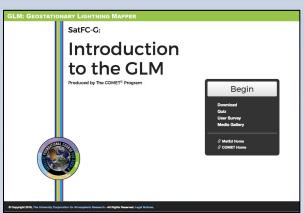
- The short movies from the first introductory lesson are also available on our YouTube Channel https://www.youtube.com/user/cometmeted
- These 3 lessons, and others are nearly done being reprogrammed to fully remove Flash and replace with COMET's HTML 5 responsive design that is platform independent

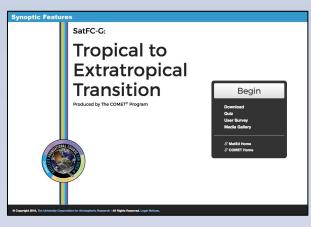


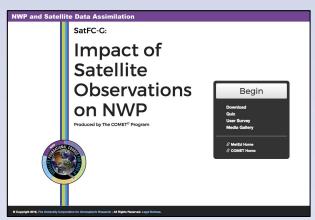


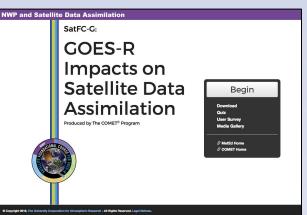
In Progress: Lessons in Support of NWS GOES-R Training









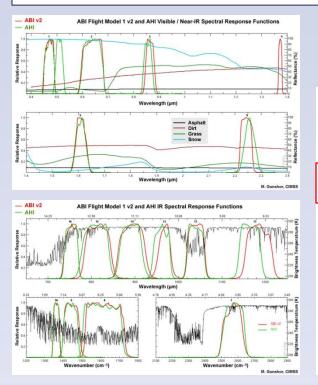


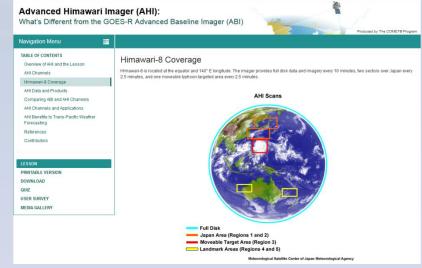
- COMET is responsible for 8 of the 40 lessons in the Satellite Foundation GOES-R Course
- 6 are in progress, 5 on development site, Remaining 2 lessons will begin later this spring
- All 8 will be complete and in NOAA LMS before GOES-R launch

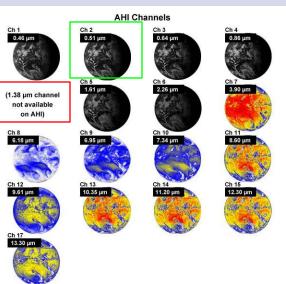


Advanced Himawari Imager (AHI)

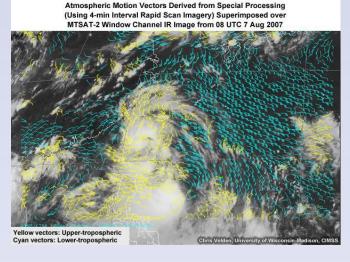
- Brief overview of the Himawari-8 AHI
- Highlights differences from GOES-R ABI
- Spectral bands and scan strategies
- Benefits of data and products for users over the Pacific and Americas







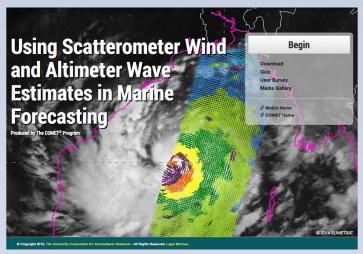
The COMET Program / Meteorological Satellite Center of the Japan Meteorological Agency





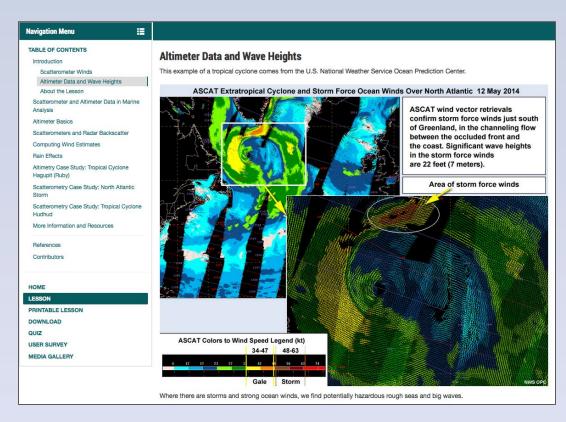


Using Scatterometer Wind and Altimeter Wave Estimates in Marine Forecasting (sponsored by EUMETSAT & NESDIS)



Advanced level lesson. Just over 1-hr long. Includes:

- Scatterometer & Altimeter Basics
- Computing Wind Estimates
- Rain Effects
- Key Applications
- Case Studies







Water Vapour Interpretation Training: MSC

BEGIN LESSON

Add to Queue

Take the quiz?

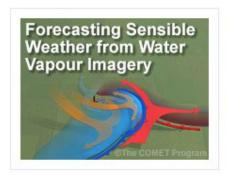
Begin Quiz

Share this resource:

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Your Oueue»





Languages: English
Publish Date: 2016-03-29
Skill Level: 3
Completion Time: 1.00 - 1.25
h
Includes Audio: no
Required Plugins: none
Topics:
Mesoscale Meteorology, Other,

Satellite Meteorology

Reviews: (0 reviews)

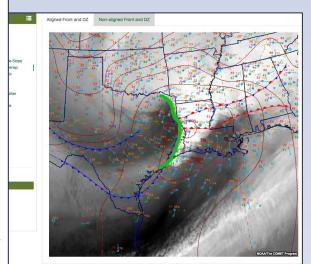
Read or add reviews

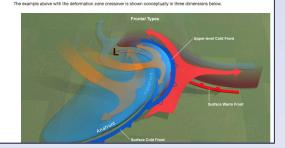
Description Objectives Keywords

s Media Gallery

Reviews

Forecaster nowcasting at the synoptic scale is rapidly being replaced by the numerical weather prediction models. However, there are plenty of opportunities for you as a forecaster to improve on those forecasts with simple comparisons of water vapour hand analyses and surface hand analyses. The goal of this lesson is to improve your skills in water vapour and surface analyses to evaluate the three-dimensionality of the atmosphere and thus forecast the sensible weather better. This is the capstone for the entire Satellite Interpretation distance learning course.









Coming Soon to MetEd:

- All 8 SatFC-G lessons
- New Lesson on COSMIC-2
- Portuguese versions of elements from the GOES-R lessons

Other Satellite Training Activities:

- Support for upcoming pre-conference Short Courses
- Contributing to GOES-R Launch workshops designed for broadcasters and K-12 STEM Teachers





For more information:

abshire@ucar.edu dills@ucar.edu

And visit:

http://meted.ucar.edu
http://meted.ucar.edu/topics/satellite
https://www.youtube.com/user/cometmeted