GOES/POES SATELLITE TRAINING

AN OPERATIONAL PERSPECTIVE

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GOES R/16

- Most exciting thing we seen since WSR-88D
- Data is Important, Impactful, useful in ways can't yet imagine
- As important as WSR-88D (160 hours of training)
- As important as IDSS (130 hours of training)
- Don't sacrifice content or quality for time!

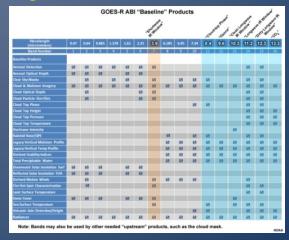
OVERALL

- Content from all sources was good
- Quality/Professionalism not always at expected level
- Training Conducted in Operations on shift, very little dedicated time
 - And that's okay. We know how to manage this.
- Time estimates to complete must be accurate/reliable
 - 8.5 hours was stated, 12+ actual time for most staff to complete
 - Many complaints about talking too fast
 - Anger about misropresentation of time to complete modules

This module was estimated to take 9 minutes. There are 36 slides, many with charts and graphics. 9 minutes is a poor estimate of the time that should be allotted for this module. I'd estimate at least 30 minutes for 36 slides. I have found all of the modules from VISIT to underestimate the time needed.

INSTRUCTIONAL DESIGN

- Need text along with voice, printable lessons, second instance options, etc.
- Graphics quality must be sharp
 - YouTube not always sharp, doesn't scale, couldn't zoom
 - Zoom-able graphics a must
- Consider users with bifocals, small screens, dual screens
- Staff often pulled out graphics to stand alone for reference
- Inconsistent/interchangeable use of channel, band number, and descriptive name among various modules and sources.
 - Workaround edited AWIPS menus, stand-alone graphics
- Needless waits on slide completion bar.



SUPPLEMENTAL TRAINING AND REFERENCES

- CIMSS Satellite Blog Scott Lindstrom
- Satellite Liaison Blog and Tweets

 Bill Line
- VISIT some training/webinars
- Ed Szoke in the building
- Demo Products
 - GeoColor, Low Cloud /Fog, Synthetic Imagery, Total Lightning
- VLAB not much used
- AWIPS Integrated Reference (AIR) Pop-ups initially some, not much used now, utility for new users

USING FEATURES OPERATIONALLY

- CIMSS Satellite Blog Scott Lindstrom
- Satellite Liaison Blog Bill Line
 - RGB Nothing local, integrating what others have done
 - Multi-channel combinations
- Synthetic Imagery

It's always a good idea to take a look at the synthetic imagery once per shift. It would have been quite valuable on the potential record breaking heat day on Saturday, May 26.

- GLM COLMA available and doesn't suffer from parallax
- JPSS Training planned for this year delayed, will assign when ready
 - Snowfall rates sparingly, only product of its kind
 - NUCAPS sparingly
 - VIIRS initially, but sparingly now

SUMMARY POINTS

- Never underestimate the value of good training. Take the time to do it right and we will too.
- Deficiencies in instructional design or production will undercut good content.
- "Small blocks of training" concept works.