

Virtual Laboratory Management Group Seventh Meeting - VLMG-7

St. Petersburg, Russia – 22 to 25 July 2014

GEONETCast Americas (GNC-A)



Training Activities

Presented by: Bernie Connell (CIRA)

Includes contributions from:

NOAA Office of Satellite and Product Operations (OSPO)

Cooperative Institute for Research in the Atmosphere (CIRA)

University Corporation for Atmospheric Research (UCAR) COMET

NWS International Activities (IA) Office and co-located UCAR personnel

Training timeline

- Establish VLab training channel on GNC-A
(July 2012)
- Send Training material through GNC-A
(starting August 2012: monthly and sporadic)
- Presentation for GEONETCast Forum held
during the Group of Earth Observations
(GEO-IX) Plenary - November 2012 (virtual)

Training timeline

- April 2013
 - NOAA/WMO GEONETCast Train the Trainer Event
 - Task Team meeting on Satellite Data Requirements for South and Central America and the Caribbean
 - ** Formation of WMO Regional Coordination Group on Satellite Data Requirements
 - NOAA Satellite Conference
 - Message: *Need more users!*

WMO VLab Virtual Training GEONETCast- Americas

December 3, 4, and 5, 2013

English and Spanish versions



Hosted by:
CIRA, NOAA, WMO Centers of Excellence
in
Costa Rica, Barbados, Brazil, and Argentina

* Follow-up to NOAA Satellite conference in April 2013

Collaborations and presentations from:

CIRA, WMO Space Program, CPTEC/INPE and LAPIS in Brazil, NOAA, UCR and IMN in Costa Rica, CIMH in Barbados, CIMSS, NMS in Belize, MARN in El Salvador

Session recordings and ppt presentations:

http://rammb.cira.colostate.edu/training/rmtc/geonetcast_event_en.asp

Topics:

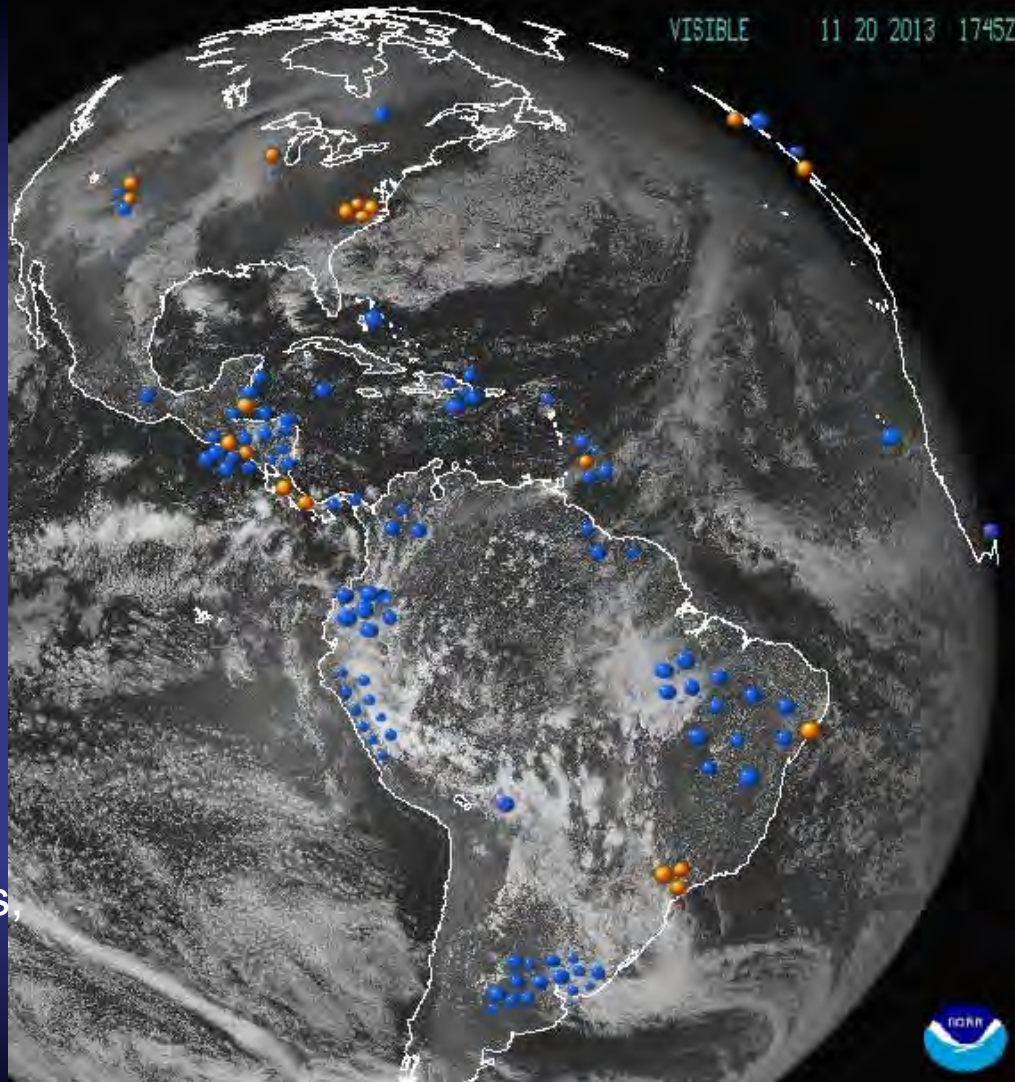
- A. Introduction, operations, and capabilities of GEONETCast (GNC)
- B. Disaster mitigation products and the importance of GNC as a risk-reducing global data access system
- C. Software for visualization (Sigma and McIDAS-V); Introduction to GOES-R



Participation from
29 countries

111 reg. individuals

Argentina, Bahamas,
Barbados, Belize,
Bolivia, Brazil, Canada,
Cape Verde, Cayman,
Colombia, Costa Rica,
Dominican Republic,
Ecuador, El Salvador,
Germany, Ghana,
Great Britain,
Guatemala, Guyana,
Honduras, Mexico,
Nicaragua, Panamá,
Peru, St. Kitts and Nevis,
Suriname, Switzerland,
the USA, and Uruguay



WMO Regional Coordination Group on Satellite Data Requirements

- Success

- NOAA changed GOES scanning strategies over Central and South America during both regular and rapid scanning schedules
- NOAA received permission to broadcast geotiff images over GNC-A
- NOAA and INPE standardizing geotiff format

Optimized routine and rapid scans



GNC-A outreach

NOAA International Affairs Office

- GEOS Joint Africa-Asia Water Symposium, Tokyo, Japan, November 2013
- Caribbean Disaster Management Conference, Montego Bay, Jamaica, December 2013
- Presentation at the Inter-American Development Bank, Washington, DC, May 2014
- Workshop on the Use of Open-Source Software and Satellite Data in the Prevention of, and Response to, Disasters in Mesoamerica, Puebla, Mexico, May 2014
- GEO Webinar on GNC-A and disasters, July, 2014

GNC-A setup and installation

- El Salvador (2012)
- US Based training for
 - Barbados
 - Belize
 - Trinidad

Future Plans

- Face to Face (Costa Rica) and Virtual Training on how to use available software: McIDAS-V, Sigma and others
- GEONETCast Train the Trainer associated with NOAA Satellite Conference 2015
- More RFG recordings and special seminars through the VLab training channel