



IDCAS Workshop - SP/0

Workshop on Ionospheric data collection, analysis and sharing to support GNSS implementation

5-6 May 2011, Bangkok, Thailand

Brief background

- * APANPIRG-20 in Bangkok 2009
 - recognized the need for characterization of ionosphere throughout Asia and Pacific Region.
 - agreed to develop a cooperative effort in developing a standard ionospheric model for the region to facilitate implementation of GNSS.
 - decided that Focal Contact Points in the States should be identified to coordinate in the matters of ionospheric data collection

- * APANPIRG CNS/MET-14 SG in Jakarta, Indonesia 2010
 - agreed the worth of a coordinated ionospheric review and measurement campaign
 - A workshop was suggested to be conducted by voluntary group to enhance the understanding of ionosphere issues.

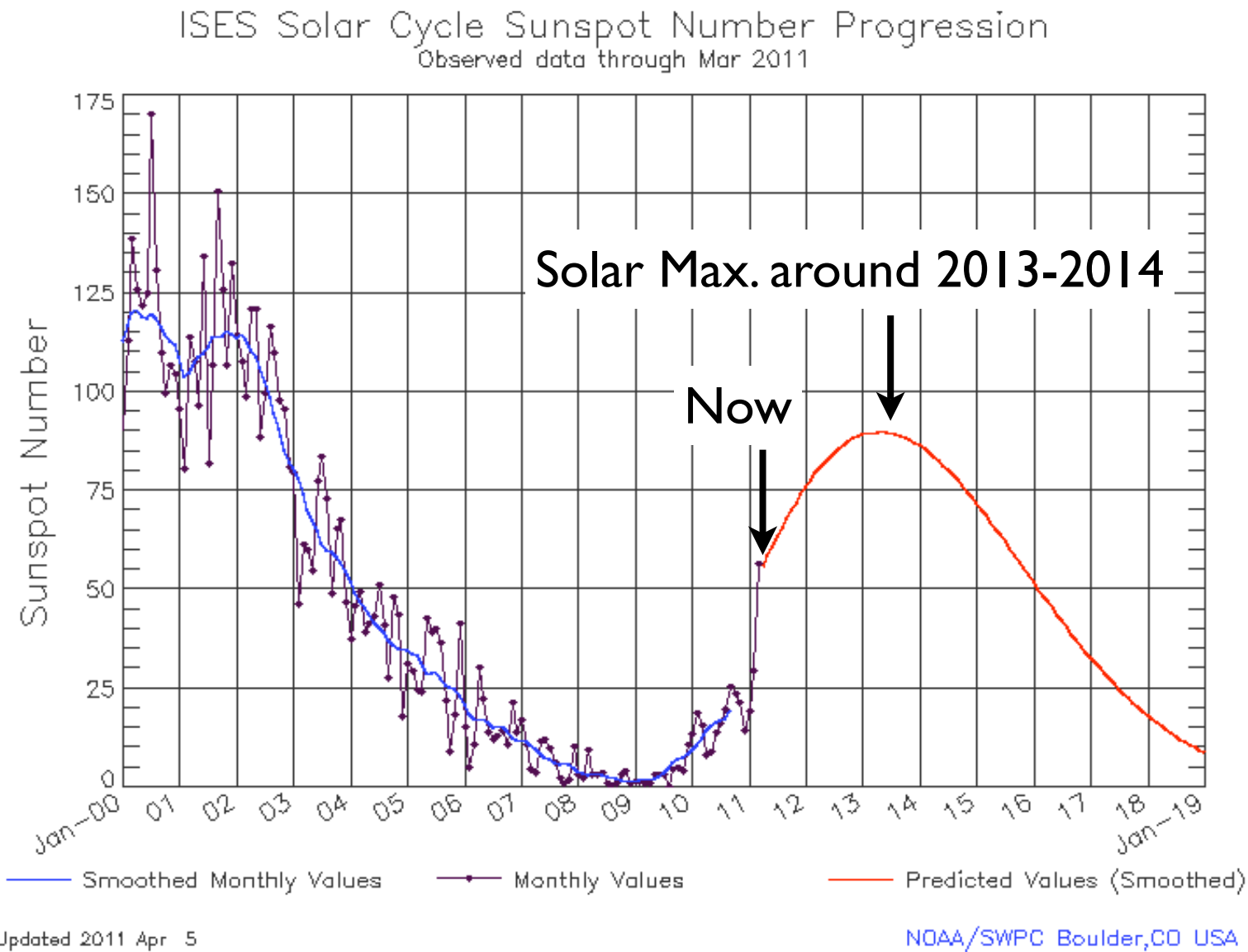


Objectives of this workshop

- * The final goal of this activity is to facilitate GNSS implementation in Asia and Pacific Region by solving ionospheric issues
- * One of the expected outcomes from this activity is a standard ionospheric model for GNSS operations applicable throughout the region
- * For this purpose, this workshop aims
 - to enhance the understanding of ionosphere issues in GNSS operations
 - to understand the need to carry out the ionospheric studies
 - to start discussion to work out a common procedure for collecting ionospheric data in different States
- * This workshop will be a good opportunity to exchange information on GNSS and ionosphere related activities in each State.

Solar activity is increasing

Sunspot number prediction by NOAA/SWPC, USA



- * The next solar maximum is coming closer.
- * We need to prepare against the coming high solar activity period.