

GOES NEXT (VW): The Next Generation of Geosynchronous Space Weather Observations

Presentations Attached

9:00	Introduction and Requirements Process	Viereck
9:10	GOES VW: The schedule and process	Goodman
Breakout 1: Solar		
9:30	X-ray Sensor (XRS) Introduction (requirements overview)	Reinard
9:40	Forecaster requirements	Steenburgh
9:50	GOES R XRS capabilities	Eparvier
10:00	Solar XRS Discussion	All
10:30	Extreme Ultraviolet Sensor (EUVS) Intro - (Reqs overview)	Viereck
10:40	Drag Model Requirements	Tobiska
10:50	Solar EUV Input to Ionosphere/Thermosphere (I/T) models	Solomon
11:00	GOES R EUVS capabilities	Eparvier
11:10	Solar EUV Discussion	All
Lunch 12:10 - 1:10		
1:10	SWPC Solar Imaging Review of current requirements	Hill
1:20	GOES R Solar Ultraviolet Imager (SUVI) Capabilities and Products	Darnel
1:30	Flare Location	Jones
1:40	Coronal Holes	Hock
1:50	DEM Retrieval	Plowman
2:00	Magnetograms	Leka
2:10	Solar Imaging Discussion	All
Breakout 2: In-situ		
9:30	Introduction to In-Situ Observation Breakout	Singer
9:35	In-Situ Observation Requirement from GEO	O'Brien
9:55	Forecaster Perspective	Balch
10:20	Magnetometer Current Capabilities Overview	Redmon
10:30	Magnetometer Panel - GEO Obs and Radiation Belt Models - Space-Based Magnetometer Data by AFRL - Importance of Magnetic Field Obs at GEO	Singer Elkington McCollough Nagatsuma
11:30	Space Envir. In-Situ Suite (SEISS) Energetic Particles Description	Rodriguez
Lunch 11:45 – 12:45		
SEISS Impact Areas		
12:45	Aviation and Human Space Flight Panel - Aviation and Human Space Flight - SRAG GOES-VW Series Satellites - How Can GOES Contribute to Aviation Radiation Protection?	Rutledge Copeland Lee Meier
1:45	Satellites Panel - Monitoring & Forecasting of Particle Environment Around GEO - GOES Particle Observations: An AFRL perspective	Onsager Nagatsuma Young
Plenary Wrap Up		
3:30	Nadir viewing space weather sensor (GOLD)	Eastes
4:00	XRS	Viereck
4:10	EUVS	Viereck
4:20	SUVI	Hill
4:30	SEISS	Kress
4:40	MAG	Loto'aniu
4:50	GOES VW Workshop Summary	Singer