

Updated: 4/25/2012		NOAA Satellite Science Week Agenda 2012	
		April 30 - May 4	
Date/Time	Minutes	Topic	Presenters
Monday, April 30			
12:00-1:00 PM	60	On-site Registration	Dick Reynolds, MC
		General	Dick Reynolds, Moderator
1:00 PM	10	Conference begins - Welcome and Overview	Goodman & Ogren
1:10 PM	20	SDEB Intro, Intro the NOAT, tie things together	Goodman, Murphy
1:30 PM	20	GOES-R Status	Greg Mandt
1:50 PM	20	NPP/JPSS Status	Ajay Mehta
2:10 PM	20	Operations Proving Ground (NWS TC)	John Ogren
2:30 PM	15	AWG Status	Jaime Daniels
2:45-3:15 PM	30	Coffee Break	
3:15 PM	20	Guest Speaker	Dr. Kathryn Sullivan
3:35 PM	15	GOES-R PG Status	Jim Gurka
3:50 PM	15	GOES-RRR Status	Ingrid Guch
4:05 PM	15	International Coordination of the Space-Based Global Observing System, Satellite Utilization and Related Training	Stephan Bojinski
4:20 PM	20	JPSS PG and RR Status	Mitch Goldberg
4:40 PM	20	Training Status (How improved satellite/data products help with Enhanced NWS Operations)	Tony Mostek
5:00 PM	20	SPoRT	Gary Jedlovec
5:20 PM	15	GOES-R Data Operations and User Readiness Update	Steve Ambrose
5:35 PM		End Day 1	
5:40 PM	30	NOAT and IAC breakout meetings. Location TBD	
6:00 PM-8:00 PM		Ice Breaker/Reception at Embassy Suites	
Tuesday, May 1			
		Algorithm Integration	Walter Wolf, Moderator
8:00 AM	30	Algorithm Integration (including the tie-in with JPSS)	Walter Wolf
8:30 AM	20	Integrated processing (Including CSPP)	Mitch Goldberg
		Imagery and Proxy	Tim Schmit, Moderator

		Algorithm Plans	
8:50 AM	20	Imagery (ABI and VIIRS)	Tim Schmit
		PG Activities	
9:10 AM	15	Imagery Products at HWT	Chris Siewert
9:25 AM	15	Imagery Products at OPC/HPC/SAB	Michael Folmer
		Current and Future Training Discussion	
9:40 AM	10	Operations Perspective	Steve Weiss, co-moderator
		Development Perspective	Brian Motta, co-moderator
		Discussion	
9:50 AM	10	Open Discussion	Tim Schmit (Moderator)
10:00 AM	10:00am-10:30am	coffee break	
		Soundings and Derived Parameters	Tim Schmit, Moderator
		Algorithm Plans	
10:30 AM	10	TPW (ABI, ATMS, and CrIS)	Tim Schmit (coordinate with Jun Li/Chris Barnet)
		PG Activities	
10:40 AM	15	MIMIC/TPW products in PAC Proving Ground	Roy Huff (PAC)
		Current and Future Training Discussion	
10:55 AM	10	Operations Perspective	Jeff Craven, co-moderator
		Development Perspective	Tony Mostek, co-moderator
		Discussion	
11:05 AM	10	Open Discussion	Tim Schmit (Moderator)
		Winds	Jaime Daniels, Moderator
		Algorithm Plans	
11:15 AM	10	AMV (ABI and VIIRS)	Jaime Daniels
11:25 AM	10	Hurricane Intensity Estimate	Chris Velden
		PG Activities	
11:35 AM	15	AMV product at OPC	Joe Sienkiewicz
11:50 AM	15	New Tropical Cyclone Products from GOES-R and JPSS	Mike Brennan and Mark DeMaria
		Current and Future Training Discussion	

		Operations Perspective	Mike Brennan, co-moderator
12:05 PM	10	Development Perspective	Bernie Connell, co-moderator
		Discussion	
12:15 PM	10	Open Discussion	Jaime Daniels (Moderator)
	12:30pm-2:00pm	lunch	
		Hydrology	Gary Hufford, Moderator
		Algorithm Plans	
2:00 PM	15	Rain Rate/QPE (ABI and ATMS and/or GPM)	Bob Kuligowski
		Risk Reduction	
2:15 PM	15	Combining GLM and ABI Data for Enhanced GOES-R Rainfall Estimates	Bob Adler
		PG Activities	
2:30 PM	15	Rain Rate/QPE in PAC	Bill Ward (Remote)
2:45 PM	15	Rain Rate/QPE in HPC	Michael Folmer
		Current and Future Training Discussion	
3:00 PM	25	Broad panel discussion on enterprise solutions to WRN hydrology issues.	Gary Hufford (Moderator), Michael Folmer, Tony Mostek, Jamie Kibler
3:25 PM	3:25pm-4:25pm	coffee break/poster session 1	
		Lightning	Steve Goodman, Moderator
		Algorithm Plans	
4:25 PM	20	Lightning	Steve Goodman
		Risk Reduction	
4:45 PM	20	The GOES-R GLM Lightning Jump Algorithm: Research to Operational Algorithm	Larry Carey
5:05 PM	20	The WRF Lightning Forecast Algorithm for GLM: Refinement and Incorporation into Convection-allowing Ensemble Forecasts	Bill McCaul
		PG Activities	
5:25 PM	15	Lightning at HWT (Spring Experiment) and 1 slide for PAC and 1 slide for OPC)	Kristin Kuhlman
		Current and Future Training Discussion	

5:40 PM	30	Panel discussion on Lightning to include Training and future development activities and direction	Brian Motta, Steve Weiss, Steve Goodman(Moderator), Rusty Billingsly, Geoffrey Stano
6:10 PM		End Day 2	
6:15 PM	30	NOAT and IAC breakout meetings. Location TBD	
Wednesday, May 2			
		Clouds	Andy Heidinger, Moderator
		Algorithm Plans	
	40	Cloud Layers/Heights and Thickness (ABI and VIIRS)	
		Cloud Mask (ABI and VIIRS)	
		Cloud Phase and Type (ABI and VIIRS)	
		Daytime Cloud Optical Depth, Particle Size, LWP, and IWP (ABI and VIIRS)	
8:00 AM		Nighttime Cloud Optical Depth, Particle Size, LWP, and IWP (ABI and VIIRS)	Andy Heidinger
		Risk Reduction	
8:40 AM	20	Cloud-top Relief Spatial Displacement Adjustments of GOES-R Images	Shayesteh Mahani
		Current and Future Training Discussion	
9:00 AM	10	Development Perspective	Tony Mostek
		Discussion	
9:10 AM	45	Panel discussion on Dual Pol, Satellite Cloud Properties and Modeling	Pete Browning, Marty Ralph, Andy Heidinger (Moderator), David Bright
9:55 AM	9:55am-10:15am	coffee break	
		Land Surface/SST/Ocean Dynamics	Jim Yoe/Grumbine
		Algorithm Plans	
10:15 AM	15	Fire (ABI and VIIRS)	Chris Schmidt
		PG Activities	
10:30 AM	15	Implementation and support of a VIIRS Near-Real Time Rapid Fire System for Fire Monitoring at the US Forest Service	Wilfrid Schroeder (for Ivan Csiszar)
		Current and Future Training Discussion	

		Operations Perspective	Deirdre Kann, co-moderator
10:45 AM	10	Development Perspective	Wendy Abshire, co-moderator
		Discussion	
10:55 AM	15	Open Discussion	Jim Yoe/Grumbine
11:10 AM	20	Guest Speaker	Mary Kicza
11:30 AM	11:30am-1:00pm	lunch	
		Aviation	Bruce Entwistle, Moderator
		Algorithm Plans	
		Volcanic Ash (ABI and VIIRS)	
		Low Cloud and Fog (ABI and VIIRS)	
1:00 PM	20	SO2 Detection (ABI and VIIRS)	Mike Pavolonis
		Convective Initiation 1) SATCAST CI dovetailed into HRRR - improved forecast 2) UW/SATCAST Cloud top cooling intensity coordinated as input into OU-CIMMS (Lak with WDSS-II) - improved nowcast	John Mecikalski and Wayne Feltz
1:20 PM	20		
		Risk Reduction	
1:40 PM	15	Development of a GOES-R Automated Volcanic Cloud Alert System	Mike Pavolonis
		Volcanic Ash Validation of GOES-R Volcanic Ash Products: Near Real-Time Operational Decision Support/Hazard Analysis	
1:55 PM	15		Peter Webley
2:10 PM	2:10 - 3:10 PM	coffee break/poster session 2	
		PG Activities	
3:10 PM	15	Vol Ash in AK	Tom Heinrichs
		High Latitude Proving Ground - Improving Forecasts and Warnings by Leveraging GOES-R Investment to Deliver and Test NPP/JPSS Data in Support of Operational Forecasters	
3:25 PM	15		Tom Heinrichs
		Current and Future Training Discussion	
		Operations Perspective	David Bright, co-moderator
3:40 PM	10	Development Perspective	Wendy Abshire, co-moderator
		Discussion	

3:50 PM	30	Panel discussion on Aviation Products to include future activities and direction	Bruce Entwistle (Moderator), Clinton Wallace, Gary Hufford, Bill Ward, Wayne Feltz (leads in coordination with UAH)
		Aerosols/Air Quality/Atmospheric Chemistry	Shobha Kondragunta, Moderator
		PG Activities	
4:20 PM	20	AQPG (AOD, Aerosol Detection, Aerosol Imagery)	Shobha Kondragunta
4:40 PM		End Day 3	
4:45 PM	30	NOAT and IAC breakout meetings. Location TBD.	
5:30 PM		Banquet at Embassy Suites	Speakers: International Guests
Thursday, May 3			
		AWIPS II	Ed Mandel or Mike Johnson, Moderator
8:00 AM	15	Introduction	Ed Mandel
8:15 AM	25	AWIPS II Updates	Ed Mandel
8:40 AM	25	AWIPS II in the WFO	Dan Nietfeld
9:05 AM	10	New AWIPS II Applications	Jason Burks
9:15 AM	9:15am-9:45am	coffee break	
		Potential Applications in AWIPS II	
9:45 AM	10	CIRA	Hiro Gosden, Deb Molenaar
9:55 AM	10	CIMSS	Jordan Gerth
10:05 AM	15	SPoRT	Jason Burks and Gary Jedlovec
10:20 AM	30	Discussion	Ed Mandel, Mike Johnson
		Cryosphere	Jeff Key, Moderator
		Algorithm Plans	
10:50 AM	20	Cryosphere Products (ABI and VIIRS)	Jeff Key
		PG Activities	
11:10 AM	10	Cryosphere Products in Joint PG for High Latitude	Carven Scott
		Current and Future Training	

		Discussion	
11:20 AM	10	Operations Perspective	Gary Hufford
		Development Perspective	Tony Mostek
		Discussion	
11:30 AM	10	Open Discussion	Jeff Key (Moderator)
11:40 AM	11:40am- 1:10pm	lunch - (SDEB group lunch, location TBD)	
		Data Assimilation and Other RR Activities	Jim Yoe, Moderator
1:10 PM	15	Intro/status for Model Analyses and Data Assimilation Techniques	Jim Yoe
1:25 PM	15	Utility of GOES-R Geostationary Lightning Mapper (GLM) Using Hybrid Variational-Ensemble Data Assimilation in Regional Applications	Milija Zupanski
1:40 PM	20	Toward Operational Uses of Geostationary Imager Radiance Data in the GSI analysis system	Fuzong Weng
2:00 PM	15	A lightning data assimilation scheme for the WRF-ARW model at cloud-resolving scales-Case studies	Alex Fierro
2:15 PM	15	Developing Assimilation Techniques for Atmospheric Motion Vectors Derived via a New Nested Tracking Algorithm Derived for the GOES-R Advanced Baseline Imager (ABI)	Jaime Daniels
2:30 PM	15	Numerical Weather Prediction (NWP) Readiness for NPP and JPSS: Data Assimilation Experiments for CrIS and ATMS	Kevin Garrett
2:45 PM	25	Open Discussion	Jim Yoe (Moderator)
3:10 PM	3:10pm - 4:10pm	Coffee break/poster session 3	
		Space Weather (SWx) - Data Processing and Operations	Steve Hill, Moderator
		SWx Algorithm Development and Proving Ground	
4:10 PM	15	SWx Risk Reduction and Algorithm Readiness	Bill Denig
4:25 PM	15	The Solar Ultra Violet Imager (SUVI) Proving Ground Project	Steve Hill
4:40 PM	15	SWx Plans and the AK Region	Gary Hufford
		Current and Future Training Discussion	
4:55 PM	10	Operations Perspective	Tessmer, Scott
		Development Perspective	Brian Motta

		Discussion	
5:05 PM	10	Open Discussion	Steve Hill (Moderator)
5:15 PM		End Day 4	
5:20 PM	30	NOAT and IAC combined breakout session. Location TBD.	
Friday, May 4th			
		RGB Products and Applications	Mark DeMaria, Moderator
8:00 AM	10	RGB Joint "Project" Motivation and Status	Gary Jedlovec, Mark DeMaria, Tim Schmit
8:10 AM	15	RGB Product development and demonstrations	Michael Folmer, Michael Brennan
8:25 AM	10	RGB in AWIPS II - Compute Outside and Transition	Kevin Fuell
8:35 AM	10	RGB in AWIPS II - Compute in AWIPS II - The Raytheon Approach	Jordan Gerth
8:45 AM	15	Discussion	Mark DeMaria and Gary Jedlovec, Moderators
		Training	LeRoy Spayd, Moderator
9:00 AM	30	Panel Discussion to Review Training Needs	Heads Of Training Group (HOTG) panel
9:30 AM	9:30am - 10:00am	coffee break	
		Panel Discussions/Wrap Up	
10:00 AM	45	IAC Outbrief	IAC POC
10:45 AM	45	NOAT Outbrief	NOAT, Chair Billingsley
11:30 AM	15	Action Items	Bonnie Reed
11:45 AM	15	Closing Remarks	Steve Goodman, Mitch Goldberg
12:00 PM		End Science Week	