

*Note: All times are MST		Satellite Science Week 2015 Final Agenda		
Updated 2/17/15				
	Time	Duration	Topic/Title	Presenter
Monday, February 23, 2015				
	12:00 PM		On-site Check-In	
	12:50 PM	0:10	Welcome and logistics, Science Week Introduction	Lon Goldstein (COMET) /Wendy Abshire (COMET) /Steve Goodman (GOES-R Senior Scientist)
	1:00 PM	0:20	NOAA as the Nation's Environmental Intelligence Agency	Rick Spinrad (NOAA Chief Scientist)
	1:20 PM	0:10	Q&A	
	1:30 PM	0:20	The Earth System Analyzer: Using All of the Data to Improve Weather and Climate Prediction	Sandy MacDonald (OAR/ESRL Director)
	1:50 PM	0:10	Q&A	
	2:00 PM	0:15	GOES-R status	Greg Mandt (GOES-R Program Director)
	2:15 PM	0:15	JPSS status	Mitch Goldberg (JPSS Program Scientist)
	2:30 PM	0:20	Discussion	
	2:50 PM	0:30	Break	
	3:20 PM	0:20	GOES-R and JPSS Risk Reduction status	Dan Lindsey (STAR/RAMMB), Andy Heidinger (STAR/ASPB), Arron Layns (JPSS)
	3:40 PM	0:20	GOES-R Cal/Val	Bob Iacovazzi (GOES-R Program Office)
	4:00 PM	0:20	JPSS Cal/Val	Fuzhong Weng (STAR/SMCD)
	4:20 PM	0:20	GOES-R Algorithm Status update	Jaime Daniels (STAR/SMCD)
	4:40 PM	0:20	JPSS Algorithm Status update	Lihang Zhou (STAR/SMCD) or Mitch Goldberg (JPSS Program Scientist)
	5:00 PM	0:15	Himawari	Bill Ward (NWS/PR/SSD Chief)
	5:15 PM	0:30	Discussion	
	5:45 PM		END OF DAY 1	
	7:00 PM		Ice-breaker at Boulder Beer (Reservations closed)	
Tuesday, February 24, 2015				
	8:00am - 10:00am		On-site side meetings for NOAT/IAC/SDEB (Closed groups) Call-in availability begins at 10am.	
	10:00 AM		Session 1 - Clouds and Aerosols	
	10:00 AM	0:05	Welcome - logistics	
	10:05 AM	0:30	The 50 year Heritage of Cloud Observations from NOAA Operational Satellites and Challenges for New Cloud Science and Applications	Tom Vonder Haar (Colorado State Univ.)

	10:35 AM	0:15	Advances in Global Satellite Data Assimilation at NOAA/NCEP/EMC	Andrew Collard (NCEP/EMC)
	10:50 AM	0:15	Cloud Products in the GOES-R and JPSS Eras: Current Applications and Opportunities for Growth	Andy Heidinger (STAR/ASPB)
	11:05 AM	0:15	Tracking the impact of wildfires on exo-urban regions using high resolution SNPP VIIRS aerosol products.	Shobha Kondragunta (STAR/SMCD)
	11:20 AM	0:40	Discussion	
	12:00 PM	1:00	Lunch	
	1:00 PM		Session 2 - Space Weather	
	1:00 PM	0:30	Deep-space satellites for space weather forecasting: science and technology challenges	Tom Berger (NWS/SWPC Director)
	1:30 PM	0:15	Space Weather Products in AWIPS2	Steve Hill (NWS/SWPC)
	1:45 PM	0:15	Space Weather Prediction Testbed: Transitioning Satellite Data to Operations	Rod Viereck (NWS/SWPC)
	2:00 PM	0:30	Discussion	
	2:30 PM	1:30	Poster Session 1/Break	
	4:00 PM		Session 2 - Space Weather (cont.)	
	4:00 PM	0:15	The Science, Relevance, and Improvements of NOAA's Upcoming TSIS	Greg Kopp (U. of Colorado/LASP)
	4:15 PM	0:15	GOES-R Space Weather - Operations to Research	Bill Denig (NWS/SWPC)
	4:30 PM	0:15	International Coordination of Space Weather Observations and Products	Terry Onsager (NWS/SWPC)
	4:45 PM	0:15	Discussion	
	5:00 PM		END OF DAY 2	
			On-site side meetings if needed	
	6:00 PM		No-host dinner at Mesa Lab	
Wednesday, February 25, 2015				
8:00am - 10:00am			On-site side meetings for NOAT/IAC/SDEB (Closed groups) Virtual participation begins at 10am.	
	10:00 AM		Session 3 - High Impact and Severe Weather	
	10:00 AM	0:05	Welcome - logistics	
	10:05 AM	0:30	The role of NOAA satellites in international and national high impact weather projects	Zoltan Toth (OAR/ESRL)
	10:35 AM	0:15	Improved high-impact weather HRRR/RAP forecast accuracy from assimilation of satellite-based cloud, lightning, convection, AMVs, fire, and radiance data	Stan Benjamin (OAR/ESRL)
	10:50 AM	0:15	The GOES-R GLM Lightning Jump Algorithm: Principles and Applications toward Severe Weather Warning and Impacts-Based Decision Support	Larry Carey (U. of Alabama/Huntsville)
	11:05 AM	0:15	Satellite Data and Regional NWP at the Environmental Modeling Center	Jacob Carley (NWS/EMC)
	11:20 AM	0:40	Discussion	

	12:00 PM	1:00	Lunch	
	1:00 PM		Session 3 (cont.)	
	1:00 PM	0:15	Near Realtime Integration of Satellite, Radar, and NWP Data for Probabilistic Nearcasting of Severe Weather	Mike Pavolonis (STAR/ASPB)
	1:15 PM	0:15	Offshore Thunderstorms - Extending Awareness of Convection Beyond the WSR-88D Coverage	Joe Sienkiewicz (NWS/OPC)
	1:30 PM	0:15	Recent advances in the development and applications of VIIRS active fire products	Ivan Csiszar (STAR/SMCD)
	1:45 PM	0:30	Discussion	
	2:15 PM	0:30	Break	
	2:45 PM		Session 4 - Climate	
	2:45 PM	0:30	The Water and Energy budgets - New Anchors from Improved Observations	Chris Kummerow (CIRA/CSU)
	3:15 PM	0:15	Satellite Ocean Color Remote Sensing: Current Status of VIIRS Ocean Color Products and Some Applications	Menghua Wang (STAR/SOCD)
	3:30 PM	0:15	Tropical Oceanic Rainfall Dependence on Structure of Sea Surface Temperature: Parsing Causation from Correlation	Rit Carbone (UCAR/EOL)
	3:45 PM	0:15	JPSS and GOES-R SST Products	Sasha Ignatov (STAR/SOCD)
	4:00 PM	0:15	Continuing 40 Years of Ozone Monitoring From Satellites	Larry Flynn (STAR/SMCD)
	4:15 PM	0:15	Current and future uses of NOAA satellite data and products to monitor seasonal to interannual climate variations	Ralph Ferraro (STAR/SCSB)
	4:30 PM	0:45	Discussion	
	5:15 PM		END OF DAY 3	
			On-site side meetings if needed	
Thursday, February 26, 2015				
8:00am - 10:00am			On-site side meetings for NOAT/IAC/SDEB (Closed groups) Virtual participation begins at 10am.	
	10:00 AM		Session 5 - Arctic	
	10:00 AM	0:05	Welcome - logistics	
	10:05 AM	0:30	Perspectives on a Changing Arctic	Waleed Abdalati (U. of Colorado/CIRES)
	10:35 AM	0:15	Observing the Arctic from Space - Past, Present, and Future	Jeff Key (STAR/ASPB)
	10:50 AM	0:15	Realizing the Scientific and Operational Utilities of the VIIRS Day/Night Band—An Exercise in Dark Adaptation	Steve Miller (CIRA/CSU)
	11:05 AM	0:15	Advances in Cryospheric Prediction in Alaska	Jessie Cherry (U. of Alaska-Fairbanks)
	11:20 AM	0:40	Discussion	
	12:00 PM	1:00	Lunch	
	1:00 PM		Session 6 - Tropical Cyclones	

	1:00 PM	0:30	Forecast Applications of GOES-R and JPSS at the National Hurricane Center	Mark DeMaria (NWS/NHC)
	1:30 PM	0:15	Diagnosing tropical cyclone structure	John Knaff (STAR/RAMMB)
	1:45 PM	0:15	Awaiting Title	Vijay Tallapragada (NWS/EMC)
	2:00 PM	0:30	Discussion	
	2:30 PM	1:30	Poster Session 2/Break	
	4:00 PM		Session 7 - New Ideas/Other	
	4:00 PM	0:15	Recent enhancements to the NUCAPS algorithm: A focus on atmospheric river forecasting and identification of cold air aloft	Antonia Gambacorta (STC)
	4:15 PM	0:15	Forthcoming changes of the global observing system for weather forecasting	Mitch Goldberg (JPSS Program Scientist)
	4:30 PM	0:15	Possible ABI Scan Mode Options and Level-2 Products Options	Tim Schmit (STAR/ASPB)
	4:45 PM	0:15	Blended Hydrometeorological Products in the JPSS/GOES-R Era	John Forsythe (CIRA/CSU)
	5:00 PM	0:30	Discussion	
	5:30 PM		END OF DAY 4	
			On-site side meetings if needed	
Friday, February 27, 2015				
8:00am - 10:00am			On-site side meetings for NOAT/IAC/SDEB (Closed groups) Virtual participation begins at 10am.	
	10:00:00		Outbriefs and Final Discussion (Open to all)	
	10:00 AM	0:30	NOAT Outbrief	
	10:30 AM	0:30	IAC Outbrief	
	11:00 AM	0:10	Summary/Closing	
	11:10 AM		END OF MEETING	
	11:10 AM		Organizing Committee Debrief	