

Updated: 08/06/2012

Org	Focus	WRP	O2 Top10	Product	Algorithm Developer	Mar-12	Apr-12	May-12
HWT SPC	Convection			B Lightning Detection (PGLM)	Geoffrey Stano, Kristin Calhoun			
				B Cloud/Moisture Imagery (CAPS Ensemble)	Jason Otkin			
				B Cloud/Moisture Imagery (NSSL-WRF)	Dan Lindsey, Louis Grasso, Jason Otkin			
				FC Convective Initiation (SATCAST)	John Walker			
				FC Convective Initiation (UWCI)	Justin Sieglaff			
				DA GOES Sounder RGB Airmass	John Knaff			
				B Lightning Detection (NSSL-WRF LFA)	Bill McCaul			
				FC Nearcasting Model*	Bob Aune and Ralph Peterson			
AK Region	Fog/Clouds/Snow			TBD				
NHC	Tropical Weather			DA False color imagery product*	Mark DeMaria			
				DA GOES-R natural color imagery product* (quantitative GOES-R color algorithm applied to MODIS)	Don Hillger			
				B Hurricane Intensity Estimate (HIE)	Jamie Daniels			
				FC Overshooting Tops	Kris Bedka			
				FC Rapid Intensity Index*	Mark DeMaria			
				DA RGB Aerosol/Dust Product*	John Knaff			
				DA RGB Air Mass Product*	John Knaff			
				DA Saharan Air Layer Product*	Chris Velden			
AWC	Aviation			B Cloud/Moisture Imagery	Dan Lindsey, Jason Otkin			
				FC Aircraft Icing Threat	Bill Smith Jr.			
				FC Enhanced "V"/OTD	Kris Bedka			
				B Lightning Detection (PGLM)	Geoffrey Stano			
				FC Low Cloud and Fog	Mike Pavolonis			
				FC Nearcasting Model*	Wayne Feltz			
				FC SO2 Detection	Mike Pavolonis			
				FC UW Convective Initiation*	Justin Sieglaff			
HPC OPC SAB TAFB	Precip, Convection, Thunderstorm, and Hazardous Weather			B Volcanic Ash: Detection & Height	Mike Pavolonis			
				FC WRF and HRRR Lightning Threat Forecast	McCaul			
				B Cloud/Moisture Imagery	Tim Schmit			
				B Cloud Top Height	Andy Heidinger			
				B Cloud Top Phase	Mike Pavolonis			
				B Cloud Top Temperature	Andy Heidinger			
				FC Convective Initiation	John Walker			
				B Derived Motion Winds	Jaime Daniels			
AQPG	Air Quality			FC Enhanced "V"/OTD	Kris Bedka			
				B Lightning Detection	Scott Rudolsky			
				B Rainfall Rate/QPE	Bob Kuligowski			
				DA RGB Air Mass Product*	John Knaff			
PAC	Tropical Cyclone, Heavy Rainfall, and Aviation			DA RGB Dust Product	Mark DeMaria			
				B Volcanic Ash: Detection & Height	Mike Pavolonis			
				FC Convective Initiation (UWCI)	Justin Sieglaff			
				FC Lighting-based tropical cyclone rapid intensification index (RII)	Mark DeMaria, John Knaff			
				B Lightning Detection	Steven Businger, Scott Rudolsky			
				FC Orographic Rain Index	Steve Miller, Stan Kidder			
				B Rainfall Rate/QPE	Bob Kuligowski			
				FC SO2 Detection	Mike Pavolonis			
		FC Statistical Tropical Cyclone Intensity Models	Mark DeMaria, John Knaff					
		B Totaw Precipitable Water	Tim Schmit, Wayne Feltz, and Tony Wimmers					
		B Volcanic Ash: Detection & Height	Mike Pavolonis					

