



2017 NOAA Satellite Conference

SUOMI-NPP AND JPSS DATA PRODUCTS

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S-NPP Data Products Operational As of July 2017

ATMS		CrIS	OMPS	VIIRS		
SDR	Moisture Profile	SDR	NP SDR	SDR	Cloud Optical Depth	Land Surface Temperature
TDR	Rainfall Rate	Carbon Dioxide	TC SDR	Active Fires	Cloud Particle Size Distribution	Ocean Color
Cloud Liquid Water	Snow Cover	Carbon Monoxide	Nadir Profile EDR	Aerosol Detection	Cloud Phase	Polar Winds
Ice Concentration	Snow Water Equivalent	Methane	Total Column EDR	Aerosol Optical Depth	Cloud Top Pressure	Sea Surface Temperature
Imagery	Temperature Profile	Infrared Ozone Profile		Aerosol Particle Size	Cloud Top Temperature	Snow Cover
Land Surface Emissivity	Total Precipitable Water	Outgoing Longwave Radiation		Albedo (surface)	Green Vegetation Fraction	Surface Reflectance
Land Surface Temperature	Atmospheric Vertical Temperature Profiles			Annual Surface Type	Ice Age/Thickness	Vegetation Health Index Suite
	Atmospheric Vertical Moisture Profiles			Cloud Height (Top & Base)	Ice Concentration	Vegetation Indices
				Cloud cover/layers	Ice Surface Temperature	Volcanic Ash Detection & Height
				Cloud Mask	Imagery	

Planned for Operations:
 Trace Gases – Aug 2017
 Ozone EDRs - Aug 2017
 Land EDRs - Dec 2017



JPSS-1 Data Products Operationalization Plan

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All Key Performance Parameters and SDRs operational ~L+90 days



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Remaining EDRs Operational at
 L+5 -18 months