

NASA-SPoRT Product Assessments CY 2014

NAME	PRODUCTS	WFO / NC	DATE	Description	REPORT ¹
Snowfall Rate	NESDIS Snowfall Rate	WFOs, NCs	1/14 - 3/14	Microwave-based snowfall rate	5/2014
NCWCP & NHC Winter Demo. ²	Air Mass RGB (SEVIRI), AIRS Total Ozone, Hybrid	WPC, TAFB, OPC, SAB	1/14 – 4/14	GOES-R and JPSS products	GOES-R PG
HWT Spring Exp ²	UAH GOES-R CI, PGLM, tracking tool (AWIPS II)	NSSL/HWT	5/14 – 6/14	Operational warning testbed	HWT
OPG Tracking Tool ²	Tracking tool (AWIPS II)	OPG	5/14 - 6/14	Total lightning and other applications	OPG
Total Lightning	Source Density, Flash Extent Density	CWSUs, SR WFOs	5/14 – 7/14	New networks, cross-collaboration, and aviation use of TL	9/2014
AWC Summer Exp ²	GOES-R CI, PGLM mosaic	AWC	8/14	Aviation applications testbed	GOES-R PG
Drought/Local Flood	LIS and soil moisture	SR WFOs	7/14 – 9/14	Drought monitoring and flood potential	12/2014
Tropical Proving Ground Demo. ²	SEVIRI RGB suite, VIIRS DNB, ATMS	NHC	8/14-10/14	GOES-R proxy products for tropical cyclone/wave analysis and forecasting	GOES-R PG
Snowfall Rate in Alaska	NESDIS Snowfall Rate	AK WFOs, Centers	10/14	Microwave-based snowfall rate at low temps in data-void regions	TBD
QPE in Pacific Region	NESDIS QPE	HFO, Guam	11/14	QPE in data-void regions	TBD
Offshore Cyclone and Precip Analysis	GPM/GMI and other microwave retrievals	TBD	10/14-12/14	Passive microwave for analysis of storm structure and precip. rate.	TBD
Aviation and Cloud – High Latitudes	VIIRS and MODIS 24hr Micro RGB.	AFC, AFG, AJK AAUW,	12/14 – 2/15	Compare of new 24hr RGB to NtMicro RGB	TBD

¹ Status and anticipated completion date for assessment report

² Not a SPoRT led assessment