

Suffern Paul

From: [REDACTED]
Sent: Thursday, May 17, 2018 2:29 PM
To: [REDACTED]
Subject: Fwd: GOES-R Brings New NWS Opportunities Requiring Specialized Training

Hi Paul,

Here is the "official" email on required GOES R training. You can read that the Satellite Foundational Course for GOES-R (SatFC-G) was required.

Scott B.

----- Forwarded message -----

From: [REDACTED]
Date: Tue, Nov 22, 2016 at 5:36 AM
Subject: GOES-R Brings New NWS Opportunities Requiring Specialized Training
To: [REDACTED]

Request for Posting:	John Murphy Chief Operating Officer, National Weather Service
Subject Line:	GOES-R Brings New NWS Opportunities Requiring Specialized Training
Distribution:	NWS All Hands



The launch of the new GOES-R satellite into geostationary orbit Saturday represents a major step forward in the country's space-born observational capabilities available to the NWS. This first in a new series of GOES satellites will provide significant improvements for all NWS Forecasters. GOES-R will have three times the number of spectral bands, a four-fold increase in resolution, and will scan five times faster than our current GOES satellites. One-minute imagery scans over significant weather will become routine over the CONUS and adjacent oceanic areas. In addition, GOES-R will have the first-ever Geostationary Lightning Mapper (GLM) to provide near-instantaneous lightning observations, and new Space Weather Instruments. Our offices in PR and AR and some National Centers have been using a similar satellite (Himawari-8) launched by Japan.

To prepare for the use of this new observation capability the Satellite Foundational Course for GOES-R (SatFC-G) has been developed and is available in our Commerce Learning Center. The

development of this course has been a joint effort between the Office of the Chief Learning Officer with support from STI Director Ming Ji, the SOO satellite training team, and our partners at COMET, NESDIS, CIRA, CIMSS, and NASA SPoRT. In addition, to further assist in building effective use of this data OCLO, working with Bill Ward in Pacific Region and CIMSS, will host a series of GOES-R Preparatory workshops for our SOOs and DOHs. The workshops have begun and will be conducted through the end of March.

The GOES-R imagery data are expected to start operationally flowing to AWIPS in March with the Initial Operating Capability (IOC). To ensure we are ready, I expect all NWS Operational Meteorologists at the CONUS WFOs, CWSUs, and National Centers to complete the 8.5 hour SatFC-G by April 30, 2017. Two Weather Event Simulator cases will need to be completed by Final Operational Capability (FOC) (currently September 30, 2017). Hydrologists at the RFCs will be expected to complete a reduced four-hour version of the SatFC-G, but will have the option to take the full course. Our Alaska and Pacific Region forecasters are encouraged to complete the course. I also encourage Meteorologists at the National and Regional Headquarters to take this course. I along with your Directors will monitor your progress.

By using this great new technology and working with our partners we will be able to take another step forward into becoming a Weather Ready Nation.

In addition, I want to thank NOAA/NESDIS for their years of hard work that led to successfully launching the new GOES-R satellite into geostationary orbit Saturday.

-John