

Satellite Training and Operations Resource (STOR)



Frank Alsheimer
STOR Team Lead

Meet the STOR Team

Field members

- Frank Alsheimer (CAE)
- Brian Carcione (HUN)
- Bill Line (PUB)
- Dr. Stephen Bieda (AMA)
- Dave Barber (AAWU)

OCLO rep: Brian Motta (FDTD)

NOAT rep: Bill Ward (PR SSD)



The evolution of the STOR



**SURT
(2013-
2015)**



**STAT
(2015-
2017)**



**SAT-FC
(2016)**



**GOES-R PREP
COURSE
(2016-2017)**



**STOR
(2017-
2018)**

STOR Team Objectives

- Create a mechanism for the multitude of entities providing satellite reference, training, and other related information to register content on the STOR page.
- Working with Office of the Chief Learning Officer (OCLO) representatives to determine appropriate reference material to be made available on the STOR and the AWIPS Interactive Reference (AIR) Tool.



STOR Team Objectives



- Working with the GOES-16 L2 Applications Training Advisory Team and the LEO Training Advisory Team to keep them abreast of the latest status and developments of the STOR effort and ensure the work done by those teams is properly contained in the STOR.
- Maintaining a well-organized page to allow users to access the desired material on STOR with relative ease.

**WELL-ORGANIZED
PRODUCT PAGE**

STOR Team Objectives

- Updating the material on the STOR to make sure the latest versions are available.
- Directing users to the Commerce Learning Center for any official training where completions need to be tracked. This will be based on information from OCLO and the NWS Operational Advisory Team (NOAT).

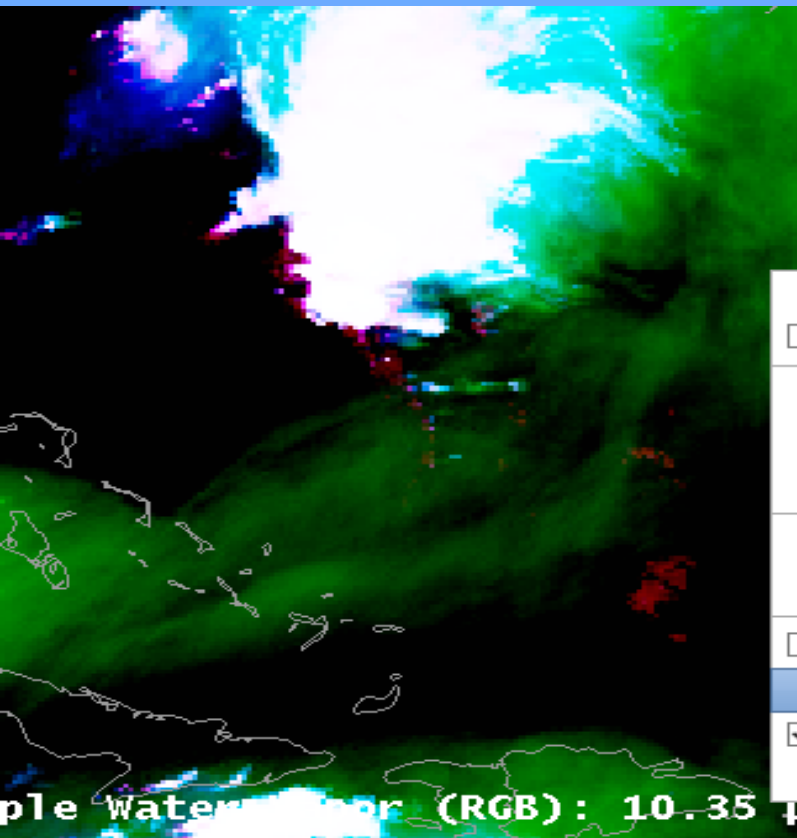


AWIPS Interactive Reference (AIR)



- Born out of a decision made at a Satellite Proving Ground Meeting in 2015.
- Initial concept developed at NASA/SPoRT.
- AIR now lives with the Meteorological Development Lab. (MDL).
- Gives AWIPS users quick access to reference material pertinent to the image on their screen.

How to Access the AIR



Simple Water Vapor (RGB): 10.35 μm /6.19 μm /7.34 μm

Time Match Basis

Imaging...

Change Color... >

Composite Options...

Move Up

Move Down

Blinking

Reference on Product

Display Product

Unload

Simple Water Vapor (RGB): 10.35 μm /6.19 μm /7.34 μm FRT 19:32Z 03-NOV-17

Initial AIR Screen in Firefox



Virtual Lab
Public

Welcome

NWS - AWIPS Interactive Reference

AWIPS INTEGRATED REFERENCE (AIR)

Simple Search Criteria

Simple|Advanced

Keywords:

Site:

Update

[ABIQuickGuide_Band02_0.64um_RedVisible.pdf](#)

Source: STOR **Author:** Frank Alsheimer **Approved:** false

⬇ Show lower-relevance results

Advanced AIR Screen



Welcome

NWS - AWIPS Interactive Reference



AWIPS INTEGRATED REFERENCE (AIR)

Search Terms

Simple|Advanced

Keywords:
 DataURI:
 Location:
 Site:

Update

Thumbnail	Title	Source	Author	Duration	Duration Units	Description	Community	Rating	Views	Relevance Score	Site	Location	Approved
	ABIQuickGuide_Band02_0.64um_RedVisible.pdf	STOR	Frank Alsheimer	1.0	pages		Satellite Training and Operations Resources (STOR)	0	79	17.522224			false
	ABIQuickGuide_Band15_12.3um_DirtyWindowIR.pdf	STOR	Frank Alsheimer	-1.0	pages		Satellite Training and Operations Resources (STOR)	0	22	0.2769734			false
	ABIQuickGuide_Band09_6.9um_MidLevelWV.pdf	STOR	Frank Alsheimer	2.0	pages		Satellite Training and Operations Resources (STOR)	0	26	0.21928704			false
	ABIQuickGuide_Band08_6.2um_UpperLevelWV.pdf	STOR	Frank Alsheimer	1.0	pages		Satellite Training and Operations Resources (STOR)	0	25	0.21928704			false
	ABIQuickGuide_Band14_11.2um_LegacyWindowIR.pdf	STOR	Frank Alsheimer	-1.0	pages		Satellite Training	0	27	0.21928704			false

STOR Vlab Page

<https://vlab.ncep.noaa.gov/web/stor>

Satellite Training and Operations Resources (STOR)
Public

Home | Operational Aids | Quick Training | AWIPS Items | Archived Data | Forums | FAQ | Prep Course Reference

Current Mesosector Locations

WELCOME TO THE STOR

GOES-R
OPERATIONAL ENVIRONMENTAL SATELLITE
SYSTEMS
NOAA - NASA

Welcome!

Welcome to the **Satellite Training and Operations Resources (STOR)** VLab community. Here you will find reference materials and links regarding NOAA satellite systems used in operational meteorology.

If you have questions regarding the STOR, please send an e-mail to STOR@noaa.gov. We will do our best to answer your questions in a timely manner.

NEWS

News Features

FY18 Hazardous Weather Testbed Underway!

The 2018 version of the Hazardous Weather Testbed (HWT) is occurring right now in Norman, Oklahoma, and will continue through the end of May. The testbed participants are evaluating the products and capabilities of the new GOES-16 satellite in a real-time environment and providing feedback to the product developers and to the NWS. Additionally, feedback received from participants each year is utilized in the continued development of GOES-R/JPSS algorithms to improve the products for future operational use by NWS forecasters. More information on the HWT can be found here.

<https://hwt.nssl.noaa.gov/>

You can look at some of the feedback in near-real time by viewing the Satellite Proving Ground blog at the HWT

<http://goeshwt.blogspot.com/>

The HWT also offers end of week R20/02R webinars to field offices on Fridays. These webinars are given by the week's participants addressing the effectiveness of specific warning-related research techniques that were tested out during the week. NWS Training Officers should look for e-mails from Ed Mahoney of WDT which will include information on registration for each week's webinar.

Validation Schedules for GOES 16/17 updated 4/26/18

GOES-16 Post-Launch Science Product Validation Schedule

Launch & Orbit Raising	Post-Launch Testing (PLT)	Operations		
	0x1 ops, Instrument/ITR Calibration & Trending	Extended Validation - operations	Operations	Operations
	All Flight PLTs	Provisional PLPTs	Full PLPTs	Full PLPTs
	PLTs (2 PLTs for ABI, 2 for PFTs)			
	6 Mo	5 Mo		12 Mo

Beta Peer Stakeholder Product Validation Reviews (PS-PVRs) completed and GRB populated with data.

Post-Launch Assessment Review (PLAR), Handover Readiness Review (HRR), Ops & Product Handover to OSPO

Transition to East Assignment 11/30/17-12/14/17

Operational Support from OSPO begins

ABI (Lib&CM) Jun 1

It includes:

- News Features
- Product Validation Schedules
- Blog Posts/Sites
- Quick Guides
- Quick Briefs
- AWIPS Procedures
- AWIPS Color Curves
- Sources of Archived Data
- VISIT Teletraining Calendar
- Link to Mesosector Locations
- Link to Satellite Help Desk



**LIVE
DEMO**

There's still work to do!

- Continue to populate STOR/AIR with updated references from GOES and LEO STAT teams
- Import the following items from the field for sharing
 - Color Curves
 - Procedures
 - Case Studies
 - Training Plans
- Add information to FAQ and manuscript sections
- The team charter states that the team is expected to sunset at the end of 2018, at which time the STOR will transition to OCLO for ownership/maintenance.