



# WINTER Field Catalog Introduction

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[catalog.eol.ucar.edu/winter](http://catalog.eol.ucar.edu/winter)  
(soon, but not yet)

# The NCAR/EOL Field Catalog

The field catalog is a web-based collaborative service whose mission is to provide facilities for:

- Project Documentation
- Collect supporting prods for context
- Post mission, campaign review
- Mission Planning
- Real-time communications
- Situational Awareness
- Real-time decision-making
- In-field data sharing

79 campaigns supported in 19 years

The screenshot shows the HIPPO Deployment 1 Field Catalog website. At the top, there is a navigation bar with links for Catalog Home, Daily Reports, Operational Products, Model/Forecast Products, Research Products, Missions, and Tools & Links. Below this is a header section with the EOL logo and the title 'HIPPO Deployment 1 Field Catalog'. A row of location and time information is displayed: Boulder: Mon, Nov 25, 11:36 AM UTC; Mon, Nov 25, 18:36 Z; Anchorage: Mon, Nov 25, 9:36 AM; Honolulu: Mon, Nov 25, 8:36 AM; Pago Pago: Mon, Nov 25, 7:36 AM; Christchurch: Tues, Nov 26, 7:36 AM; Papeete: Mon, Nov 25, 8:36 AM; Easter Island: Mon, Nov 25, 1:36 PM; San Jose: Mon, Nov 25, 12:36 PM.

The main content area is divided into three columns. The left column, titled 'Quick Links', includes links for G-V Instrument Status, Operations Plan of the Day, Weather Discussion, Real-Time HIRPO km1, Waypoints km1, X-Chat instant access, and a note about downloading KML files. The middle column, titled 'Current Loop', features a satellite imagery map of the Pacific region with yellow outlines, and text indicating 'Additional Satellite Imagery: Latest 4 hours Infrared' and 'Latest 4 hours Ch3 Water Vapor'. The right column, titled 'General Information', contains a Time Zone Conversion chart, Instrument Alert Info, Teleconference Access Numbers, and contact information for the HIRPO Operations Coordinator and JeffCo Status Message.

At the bottom of the page, there is a footer with the University Corporation for Atmospheric Research logo and address, and a copyright notice for UCAR/EOL from 1994-2009. Below the footer, there are three data retrieval sections: m5\_wave, nogaps, and scawifs, each with a dropdown menu for the variable name, a dropdown for the time range (Latest), a text input for the campaign ID (990214), and a 'Get Data' button.

# The NCAR/EOL Field Catalog

The field catalog is a web-based collaborative service . . .



## Features:

# Operations Log

## Enter new report

You must enter a password before adding a link or image in a text box.

Password\*

Author\*

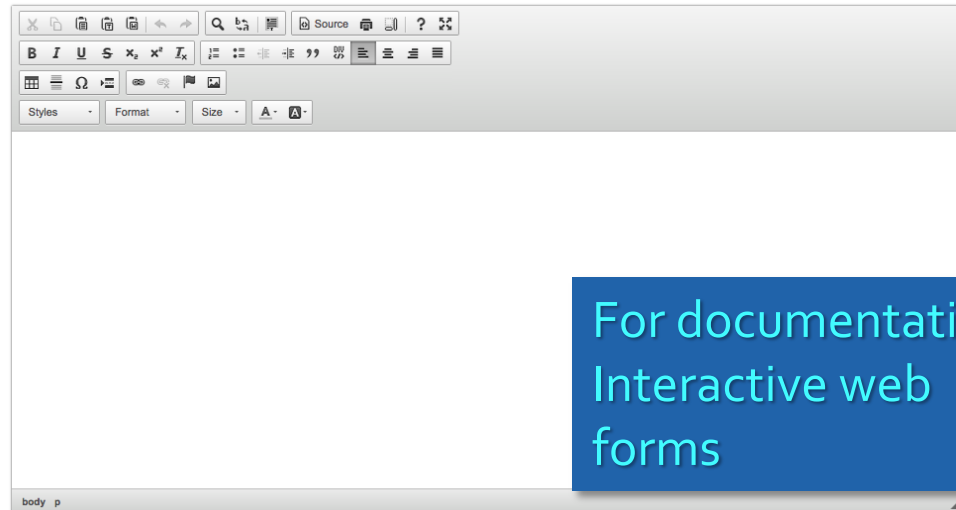
Event Start  
Date/Time(UTC)\*   UTC  
(Form loaded at 2014-10-09 19:42 UTC)

Event End  
Date/Time(UTC)\*   UTC  
(Form loaded at 2014-10-09 19:42 UTC)

### Event Description\*

**You must enter a password above before adding a link or image in this text box.**

The editor below allows WYSIWYG and Source-HTML editing with file uploads for both inline images and links to attachments. See the [Users Guide](#) for editing help. We suggest you restrict your HTML and styling to be clean and simple. To include images, use the Image or Link button and then the Upload tab. Finally, for security and styling reasons, some advanced HTML and larger headings may be removed or modified.



The image shows a WYSIWYG text editor interface. At the top, there is a toolbar with icons for undo, redo, bold, italic, underline, strikethrough, text color, background color, bulleted list, numbered list, indent, outdent, link, unlink, source code, and help. Below the toolbar is a second toolbar with options for Styles, Format, Size, and font color. The main area is a large, empty text box for editing. At the bottom left of the editor, there is a small status bar that reads "body p".

For documentation:  
Interactive web  
forms

Clear editor

Cancel Submit

Ops Plan of the Day  
Weather Discussion  
Mission Scientist Summary  
IOP Proposal  
NSF NCAR C-130  
Mission Summary  
Chemical Forecast  
Staffing Schedule



**Mission Scientist Report, RICO, King Air Flight January 21st,  
2005 UW King Air Flight Scientist: Stevens**



Figure 1: Images showing cloud field during flight.

**General cloud characteristics:** The cloud field was rather suppressed with patches of humulus and patches of clear, with tops rarely developing above 4000'. During the day a magnificent tail developed west of Barbuda. This tail had a tremendous radar projection, but faded by the time we worked it, only to redevelop somewhat after we left. Drop concentrations were generally light, near 50 or 75 cm<sup>-3</sup>.

**General Comments:** The King Air was the only aircraft in the area as the BAE flew well to the north on this day in search of deeper clouds. The initial plan was to fly along and cross wind segments near the ship for estimating momentum fluxes by fields of shallow cumulus, following a line suggested by Peggy LeMone. Winds proved rather light, as did the shear and cloud field. Indeed echoes were so little in evidence we often turned off the radar, and did not fly legs over the top of the cloud field for individual Doppler was desired. Later in the flight we flew a tail pattern which sampled a tail west of Barbuda, and the period before its subsequent redevelopment.

**Flight Pattern:** The momentum patterns were to consist of stacks of four to five legs, across the shear. We attempted to coordinate these with the ship's heading, and after some adjustment settled on a direction. The patterns generally included two levels in the subcloud layer, and one above the cloud. The latter were cut short for lack of echoes. The cloud legs were not flown straight and level, but rather adjusted slightly, trying to maintain an average heading that followed the subcloud legs, to increase the time in cloud for cloud statistics. The tail pattern consisted of: (1) two subcloud legs starting well north and ending well south of Barbuda, and flown approximately 10km downwind of Barbuda, upwind of the region of significant tail development; (2) along tail cloud and subcloud legs for measuring clouds and precipitation; (3) a repeat of one of the subcloud legs.

**Flight Notes:**

For documentation:  
Operations Reports

Ops Plan of the Day  
Weather Discussion  
Mission Scientist Summary  
IOP Proposal  
NSF NCAR C-130  
Mission Summary  
Chemical Forecast  
Staffing Schedule



# CONTRAST Field Catalog

## CONvective TRansport of Active Species in the Tropics

Home Reports Status Ops Products Model Products Research Products Missions Tools & Links Data Access Help

### Status reports summary

Instrument	2013-12-17	2014-01-11	2014-01-14	2014-01-17	2014-01-19	2014-01-22	2014-01-25	2014-01-29	2014-02-01	2014-02-05	2014-02-08	2014-02-14	2014-02-17	2014-02-21	2014-02-25
<b>Aircraft and state parameters</b>															
Aircraft, NSF/NCAR GV HIAPER															
Overall	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
ADS - Airborne Data System	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
Digital cameras	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
Mission Coordinator System	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
Radome gust probe	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
<b>Chemistry</b>															
AMAX-DOAS	down	up	up	up	up	up	up	up	down	up	provisional	up	down	up	up
AWAS - Advanced Whole Air Sampler	down	provisional	up	provisional	provisional	up	up	up	up	up	up	up	up	up	up
Bromine	down	up	up	up	provisional	up	up	up	up	up	up	up	up	up	provisional
CO - Aerolaser	down	down	up	down	provisional	up	up	up	up	up	up	up	up	up	up
CO2 - Picarro	down	down	provisional	down	provisional	provisional	down	up	up	up	up	up	up	up	up
Fast O3	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
Formaldehyde	down	provisional	down	provisional	up	provisional	up	up	up	up	up	down	up	up	up
GT-CIMS	down	up	up	up	up	up	up	up	down	up	up	up	up	up	up
NO-NO2	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up
TOGA - Trace Organic Gas Analyzer	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up

For documentation:  
Instrument Status

NSF NCAR C-130  
AWAS  
TOGA  
ToF-AMS FSSP  
HARP  
UCB TD-LIF  
UW HR-To-F-CIMS  
Cavity ring-down  
ACES  
UV Fluorescence  
UHSAS  
WAS  
NCAR CARI PILS

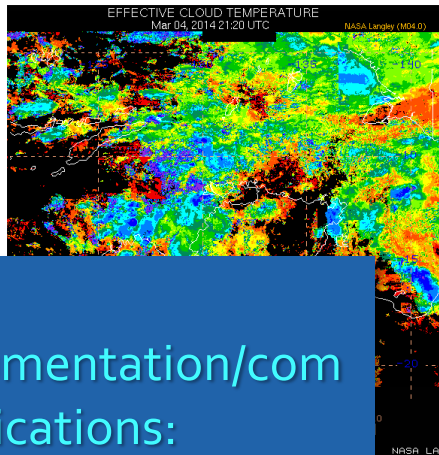


# HAIC-HIWC Field Catalog

## High Altitude Ice Crystals - High Ice Water Content Project



### Latest Cloud Temperature



For documentation/communications:  
Operations Schedule

### Project time

London	Tues, Mar 4, 2:18 PM	London	Tues, Mar 4, 3:18 PM
Darwin	Wed, Mar 5, 7:48 AM	Melbourne	Wed, Mar 5, 9:18 AM
Paris	Tues, Mar 4, 11:18 PM	Tokyo	Wed, Mar 5, 7:18 AM

### Current Reports

[Operations Plan of the Day](#)  
[Weather Discussion](#)

### Tools

[Catalog Maps \(GIS Tool\)](#)

### Announcements/Schedule

**Communications Coordinator:** Tom Ratvasky Phone: 0469 329 163

Updated at 01:30 UTC 02-Mar-2014

#### Announcement:

- **No flights 02-March or 04-March** - the fuel control valve is expected to be in Darwin on Monday. However, a PC board for the fuel control is also required. This board has been ordered, but the delivery date is unknown at the moment. Current best guess is the test flight on 05-March.
- The forecast for the top end has dry air persisting through Wednesday. A tropical cyclone is anticipated to develop in the Coral Sea and move west toward Cairns. Planning is being initiated to deploy the Falcon 2D towards the east coast later this week after functional flight checks are completed.
- Decision on extension will be made on 05-March after gathering terms and conditions of extending lease at Pearl hangar and understanding the status of the aircraft

#### Plan for 02-Mar-2014

- no more meetings - enjoy the good weather!

#### Plan for 03-Mar-2014

- 09:00 Wx brief
- 09:30 FOG meeting
- 14:00 McBride presentation, "Australian Monsoon and the MJO (Madden-Julian Oscillation)", NTRO 2nd Floor conference room

#### Plan for 04-Mar-2014

- 09:00 Wx brief
- 09:30 FOG meeting
- Replace fuel valve after receipt

Times posted are local Darwin time, unless otherwise noted.





# FRAPPE Field Catalog

## Front Range Air Pollution and Photochemistry Experiment

Home Maps Reports Status Products - Missions Tools & Links Data Access Help

Satellite

2014/08/25 (UTC)

- Satellite
- Radar
- Surface
- Upper-Air
- Analysis
- Advisory
- Aircraft
- Model

Choose Other Date

2014/08/27 (UTC)

Choose Product Group

Satellite Products 2014/08/25

IASI

CO Total Column Effective VMR Global	2014/08/20 00:00	2014/08/20 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
CO Total Column Effective VMR Pacific Ocean	2014/08/20 00:00	2014/08/20 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
CO Total Column Effective VMR Western US	2014/08/20 00:00	2014/08/20 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images

MOPITT

CO Total Column Effective VMR Global	2014/08/22 00:00	2014/08/22 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
CO Total Column Effective VMR Pacific Ocean	2014/08/22 00:00	2014/08/22 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
CO Total Column Effective VMR Western US	2014/08/22 00:00	2014/08/22 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
VSJ CO 500mb Layer VMR Western US	2014/08/23 00:00	2014/08/23 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
VSJ CO Surface Layer VMR Western US	2014/08/23 00:00	2014/08/23 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
VSJ CO Total Column Effective VMR Western US	2014/08/23 00:00	2014/08/23 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images

Satellite, GOES-13

1km frappe ch1 vis	2014/08/25 20:08	2014/08/25 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
1km regional ch1 vis	2014/08/25 20:15	2014/08/25 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km Channel 1 (Visible)	2014/08/25 20:08	2014/08/25 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km Channel 4 (Thermal IR)	2014/08/25 20:08	2014/08/25 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
AOD	2014/08/25 18:45	2014/08/25 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images

Satellite, GOES-15

1km frappe ch1 vis	2014/08/25 20:15	2014/08/25 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid emiss acha frappe region	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid emiss acha western US	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid height acha frappe region	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid height acha western US	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid opd dcomp frappe region	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid opd dcomp western US	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid refl dcomp frappe region	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid refl dcomp western US	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid temp acha frappe region	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cid temp acha western US	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cloud type frappe region	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
4km patmosx cloud type western US	2014/08/26 13:00	2014/08/26 UTC	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images

javascript:void(0);

IASI  
MOPITT  
GOES-E  
GEOS-Chem  
GEOS-5  
NEXRAD  
NWS Soundings  
METARs

Supporting  
Products:  
Example - Satellite





# OWLeS Field Catalog

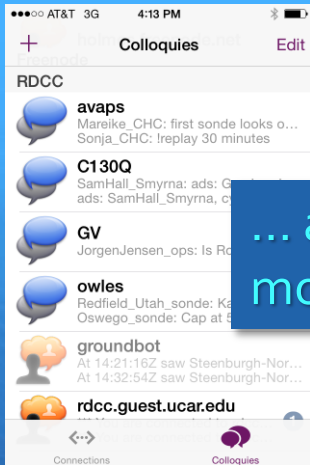
## Ontario Winter Lake-effect Systems

[Home](#)
[Reports](#)
[Status](#)
[Ops Products](#)
[Model Products](#)
[Research Products](#)
[Missions](#)
[Tools & Links](#)
[Data Access](#)
[Help](#)

## Mission Summary Table

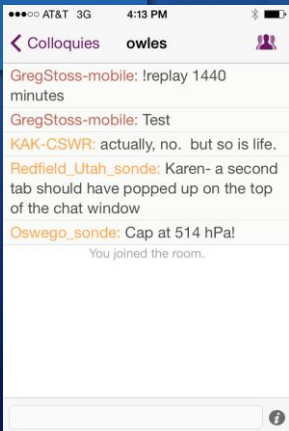
For Post Mission/Post Campaign Review:

IOP	Start Date/Time	End Date/Time	Event	Catalog Products	Flight Track Plot	Summaries	Notes
01	2013-12-07 16:00	2013-12-07 23:00	LLAP band	<a href="#">Ops: Satellite</a> <a href="#">Ops: Radar</a> <a href="#">Ops: Surface</a> <a href="#">Ops: Upper-Air</a> <a href="#">Research: Radar</a> <a href="#">Research: Surface</a> <a href="#">Research: Upper-Air</a>	<a href="#">UWKA Flight Track Plot</a>	<a href="#">Summary Reports</a>	A band-like structure, exhibiting small cellular features, formed early in the day near Oswego and persisted through the afternoon and early evening. The band was oriented approximately 280-290 degrees to the shoreline. Surface assets and soundings targeted this band. More substantial snow occurred with an E-W oriented band near Pulaski, NY. The WY King Air flew parallel to the long axis of the lake. Upwind soundings were obtained in Ontario, Canada.
02a	2013-12-10 16:39	2013-12-10 20:18	Downwind band	<a href="#">Ops: Satellite</a> <a href="#">Ops: Radar</a> <a href="#">Ops: Surface</a> <a href="#">Ops: Upper-Air</a> <a href="#">Research: Radar</a> <a href="#">Research: Surface</a> <a href="#">Research: Upper-Air</a>	<a href="#">UWKA Flight Track Plot</a>	<a href="#">King Air Mission Summary Report</a> <a href="#">Millersville Tethersonde Summary Report</a>	Weak mesoscale band oriented E-W off Lake Erie. Two surprising observations were that the Erie band extending east completely across the OWLeS operations area throughout the day (it died at sunset as expected from climatology) and that the cloud tops south of the band were just as high and turreted as those in the band. Indeed, the high reflectivity band seemed to follow a sharp change in depth of the moist convection rather than being associated with an isolated band of deeper convection.
02b	2013-12-10 23:00	2013-12-12 02:00	LLAP band	<a href="#">Ops: Satellite</a> <a href="#">Ops: Radar</a> <a href="#">Ops: Surface</a> <a href="#">Ops: Upper-Air</a> <a href="#">Research: Radar</a> <a href="#">Research: Surface</a> <a href="#">Research: Upper-Air</a>	<a href="#">UWKA Flight Track Plot</a>	<a href="#">Summary Reports</a>	An intense LLAP band was sampled on the east shores of Lake Ontario by ground assets. OWLeS operated through the night with all ground facilities commencing operations at 1800 EST and ending operations at 1900 EST on 11 December.
03	2013-12-12 21:00	2013-12-13 07:00	LLAP band	<a href="#">Ops: Satellite</a> <a href="#">Ops: Radar</a> <a href="#">Ops: Surface</a> <a href="#">Ops: Upper-Air</a> <a href="#">Research: Radar</a> <a href="#">Research: Surface</a> <a href="#">Research: Upper-Air</a>	<a href="#">UWKA Flight Track Plot</a>	<a href="#">Summary Reports</a>	An intense LLAP band was sampled on the east shores of Lake Ontario by ground assets. OWLeS operated through the night with all ground facilities commencing operations at 1600 EST and ending operations at 0200 EST on 13 December, although some teams continued data collection until 0900 EST.
04	2013-12-15 20:40	2013-12-16 07:00	LLAP band	<a href="#">Ops: Satellite</a> <a href="#">Ops: Radar</a> <a href="#">Ops: Surface</a> <a href="#">Ops: Upper-Air</a> <a href="#">Research: Radar</a> <a href="#">Research: Surface</a> <a href="#">Research: Upper-Air</a>	<a href="#">UWKA Flight Track Plot</a>	<a href="#">Summary Reports</a>	A surprise LLAP band was sampled on the east shores of Lake Ontario. The expectation from model guidance was that it would make landfall between Fairhaven and Oswego but instead the band moved Northward. In summary, this is a good case study for LLAP and orographic interests, but the coordination between aircraft and DOW measurements was rather poor, MIPS was not under the band, and we did not have an east shore radiosonde north of the band.



... and mobile!

## For Real-time Communications: IRC Chat



Catalog Home
Reports
Operational Products
Model/Forecast Products
Research Products
Missions
Tools & Links
Data Access
Help ?

#GV (28) #TORERO (22) x groundbot

Happy chatting.

```

09:07 -
09:07 +++ gstoss-Boulder set to mode +jwsz
09:13 <bruce-gv>: volkamer-CR bl observed only 5 of 20 downward pointing minutes - clouds - bl 300m ext 10-5/m no resid aerosols no bl clouds 15 min of clouds from 4-11km
09:18 <volkamer_CR>: !replay 10
09:18 <groundbot>: incorrect usage, ask for help using 'groundbot: help replay'
09:18 <volkamer_CR>: !replay10
09:21 <schanot_GV>: interesting. Wind speed increase and shifting to the North
09:33 <JimBresch-mroc>: schanot_GV, at least the forecast was right about the winds... Presumably the airmass chemical comopostions should be different (northerlies 'cleaner' than easterlies).
09:36 <schanot_GV>: JimBresch-mroc, nothing obvious in CO so far
09:37 <schanot_GV>: wind shift occurred pretty much at the equator
09:39 <volkamer_CR>: schanot_GV: we climbed out of the terrestrial plume with our ascend to FL400
09:39 <volkamer_CR>: There was a drop in CO of about 40ppb
09:39 <JimBresch-mroc>: When you descend you will enter easterlies again.
09:46 <schanot_GV>: roger
09:48 <schanot_GV>: light chop
09:50 <JimBresch-mroc>: As the stratiform clouds to your south dissipate, low-topped convection is developing. WP3 is mostly clear, but south of there is developing convection.
09:54 <schanot_GV>: JimBresch-mroc, roger. all still looks like small low stuff in target area. Three MBL legs all below cloud base
09:55 <JimBresch-mroc>: OK, the area north and east of the ship is mostly clear.
09:56 <schanot_GV>: roger, any ship reports on the sfc winds?
09:57 <JimBresch-mroc>: The Ka'1 is reporting 150 @ 7 kts
09:58 <schanot_GV>: roger
10:00 <JimBresch-mroc>: A pleasant 82 F with SST of 81 F.
10:08 <JimBresch-mroc>: schanot_GV, unfortunately, it looks like all the stratiform cloud will be gone by the time you get to WP4. I'd like to know more about it such as altitude, depth - on satellite it looks like a liquid cloud.
10:09 <schanot_GV>: started descent to FL280 as part of Module 1
10:09 <schanot_GV>: will be descending thru some straus
10:10 <schanot_GV>: stratus
10:11 <JimBresch-mroc>: A jump in CO with the wind shift in the descent...
10:11 <schanot_GV>: tops of stratus 2.0 km
10:11 <schanot_GV>: right here
10:12 <schanot_GV>: you're right we may be past it prior to the next descent below 280
10:12 <JimBresch-mroc>: Actually, the current stratus is a different type of cloud than the one I was talking about.
10:13 <JimBresch-mroc>: The latest MC vis shows the light gray stratus right around WP4.
10:13 <schanot_GV>: good call on wind shift. CO in a cal at start of descent. not real data yet
10:14 <schanot_GV>: my bad. wasn't watching for that. I will cancel all CO calcs during the MBL legs
          
```

Chatting

JimBresch-mroc

schanot\_GV

iclrs

annav

ATMOS-Speclab

Becky\_Bldr

Bill\_adsGV

bruce-gv

bruning\_CR

campos\_cr

DaveR-RAF

dd\_montzka-bldr

ffl-Bldr

groundbot

gstoss-Boulder

Hills\_G-V

hsrl

hsrl

Jose\_OpsCenter

JScannell-FL

SamHall\_Denver

TomBaltzer-RAF

volkamer\_CR

Smilies | Colours | Translation | PasteBin | Minify URL



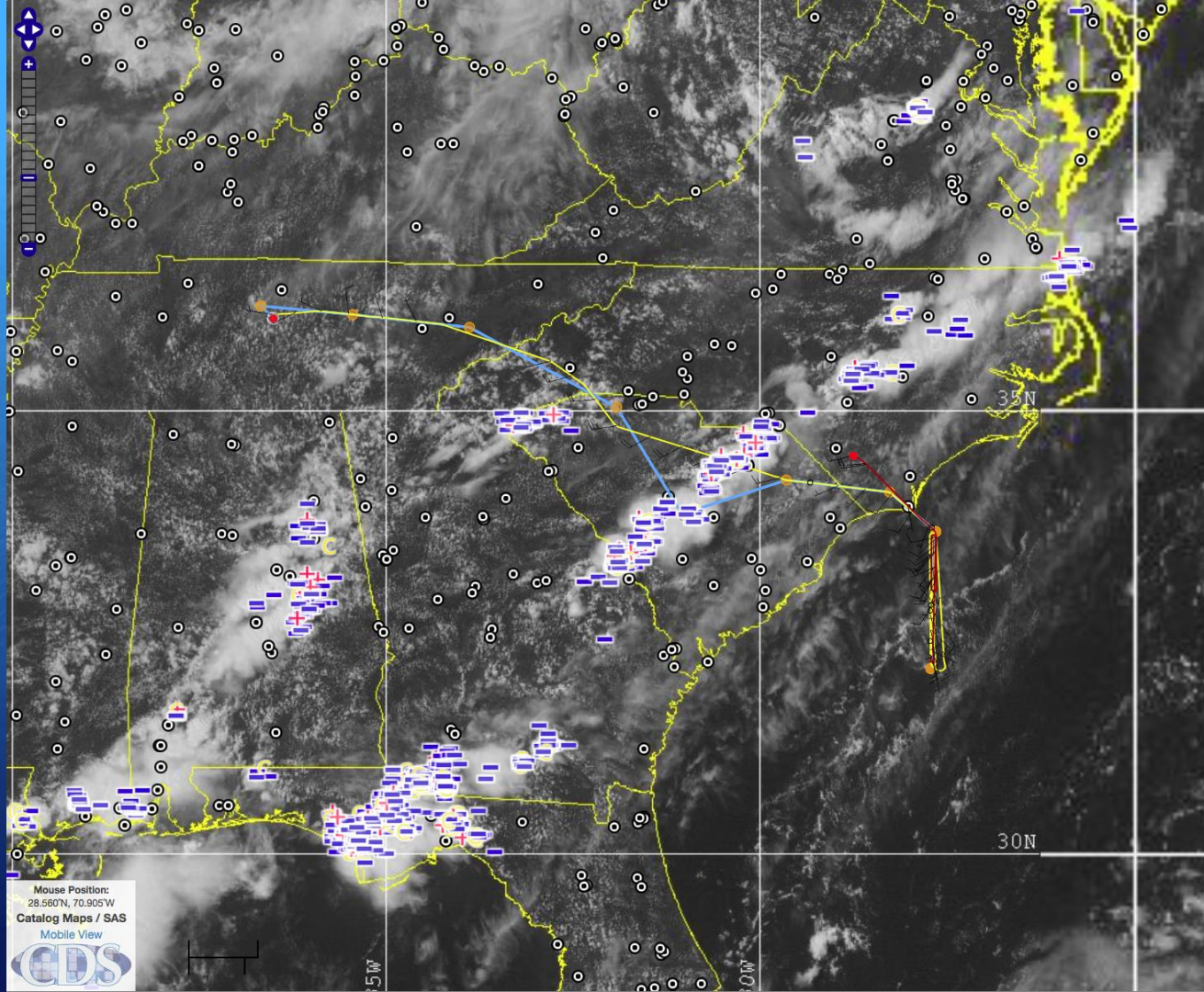
Catalog  
Maps Tool:

Situational  
Awareness

Mission  
Planning

Flight  
Tracking

Mission  
Review



Mouse Position:  
28.560N, 70.905W  
Catalog Maps / SAS  
Mobile View

### Time Controls

Map Time: 2013-07-08 20:13 UTC  
[Reset to Latest](#)

Time Step  
⏪ back 1 hour ⏩ forward ⏹

Date / Time Select

July 2013

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Hour: 20 ⏴ ⏵ Minute: 13 ⏴ ⏵

[Date / Time Select](#)

### Camera Controls

C-130 Forward Camera

### Layer Controls

Latitude/Longitude Lines

### Imagery

NEXRAD mosaic ⏴ ⏵

GOES-13 1km\_SE\_ch1\_vis ⏴ ⏵  
⌚ 2013-07-08 20:02 UTC

GOES-13 4km\_ch1\_vis ⏴ ⏵  
⌚ 2013-07-08 20:02 UTC

GOES-13 4km\_ch4\_thermal-IR ⏴ ⏵

GOES-13 4km\_ch3\_water\_vapor ⏴ ⏵

GOES-14 1km\_SE\_ch1\_vis ⏴ ⏵

GOES-14 4km\_ch1\_vis ⏴ ⏵

GOES-14 4km\_ch4\_thermal-IR ⏴ ⏵

GOES-14 4km\_ch3\_water\_vapor ⏴ ⏵

### KMLs

C-130 Flight Track ⏴ ⏵  
⌚ 2013-07-08 20:13 UTC

C-130 Flight Plan ⏴ ⏵  
⌚ 2013-07-08 14:37 UTC

NAPLN: latest strikes ⏴ ⏵  
⌚ 2013-07-08 20:13 UTC

Special Use Airspace

VORs

SO2 Source Locations

## Next Steps:

- With input from project participants, develop a prioritized list of operational and model products needed in the field.

1. What is needed for real-time decision making/situational awareness?

2. What are the important products/data that need to be captured to document the conditions in which you sampled?



## Next Steps:

- Develop a list of research products that are expected to be uploaded from the field.
  1. What products/preliminary datasets can you send to the catalog?
  2. What are the formats of these data?
- Do you have any special requirements for real-time data support during the campaign?

## Next Steps:

- The Field Catalog will be on-line by mid-January to give you time to become familiar with it before the campaign.
- I'll do a tutorial on how to use the Field Catalog before the campaign starts via a web conference.
- I'll be on-site in Virginia for the first two+ weeks of the campaign.

for more information, contact:

Greg Stossmeister

[gstoss@ucar.edu](mailto:gstoss@ucar.edu)



[catalog.eol.ucar.edu/winter](http://catalog.eol.ucar.edu/winter)