

ORCAS Field Catalog Introduction

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catalog.eol.ucar.edu/orcas

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 header with the EOL logo and the title "HIPPO Deployment 1 Field Catalog". Below the header is a navigation menu with buttons for "Catalog Home", "Daily Reports", "Operational Products", "Model/Forecast Products", "Research Products", "Missions", and "Tools & Links". A status bar displays flight times for various locations: Boulder, Honolulu, Papeete, UTC, Pago Pago, Easter Island, Anchorage, Christchurch, and San Jose. The main content area is divided into three columns. The left column contains "Quick Links" such as "G-V Instrument Status", "Operations Plan of the Day", "Weather Discussion", "Real-Time HIPPO kml", "Waypoints kml", and "X-Chat instant access". The middle column features a "Current Loop" satellite image of the Pacific Ocean with a yellow flight path, and "Additional Satellite Imagery" for the latest 4 hours of Infrared and Ch3 Water Vapor. The right column provides "General Information" including "Time Zone Conversion chart", "Instrument Alert Info", "Teleconference Access Numbers" (listing phone numbers for various locations), "HIPPO Operations Coordinator" contact info, "JeffCo Status Message", and a "Comments" section. At the bottom, there is a footer with the NCAR logo, address "University Corporation for Atmospheric Research, PO Box 3000 Boulder CO 80307 USA", and copyright information "Copyright © UCAR/EOL 1994-2009. All Rights Reserved". Below the footer are three data selection controls for "m5_wave", "nogaps", and "seawifs", each with a dropdown menu, a "Latest" button, a text input field containing "990214", and a "Get Data" button.

The NCAR/EOL Field Catalog

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



Features:

Flight Plan Discussion

Edit report

Editing feature is intended for small fixes only. You may change the date/time of the report, but only if another report does not already exist at the new date/time. You must enter a password before adding a link or image in a text box.

Password*

Author*

Date/Time* UTC
(Form loaded at 2015-03-10 22:38 UTC)

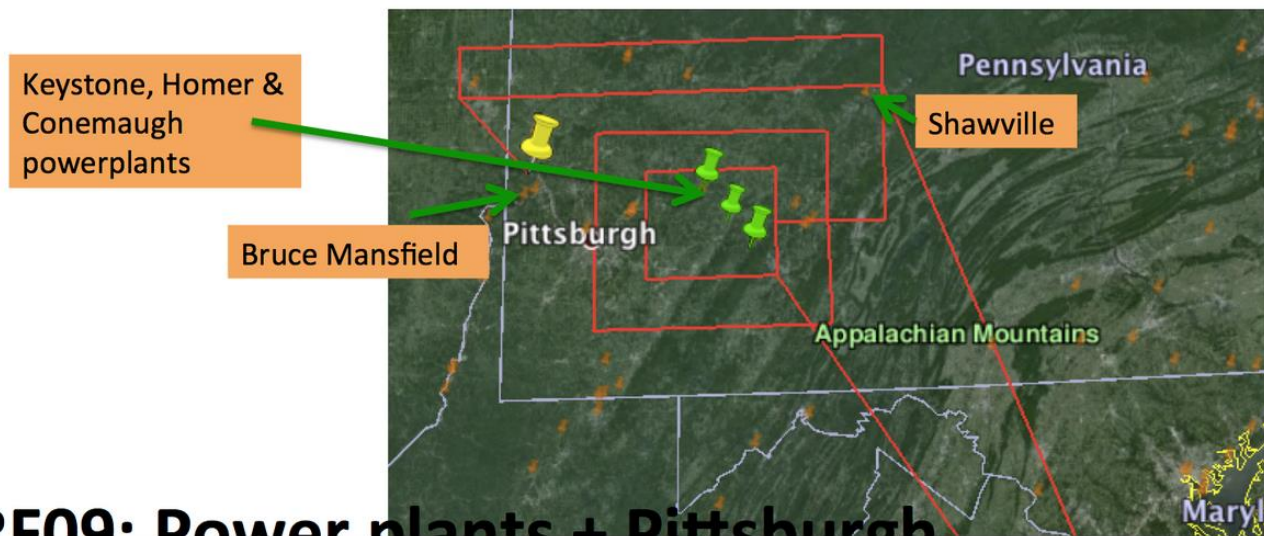
Discussion*
You must enter a password above before adding a link or image in this text box.

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 next nighttime flight, RF09, is planned to take off at midnight on Tuesday night (Wed 03032015, 5 UTC, 00 EST). The objectives are to sample plumes from some very large power plants in western Pennsylvania and fly in the Pittsburgh outflow. We will fly to the SE corner of the inner box below, do a missed approach and then fly around the inner box counterclockwise twice at two different altitudes. There are 3 large power plants in that inner box: Keystone, Homer City, and Conemaugh. Currently, Keystone is the 2nd largest NOx emitter in the US and Homer City the top SO2 emitter. We would then fly around the outer box clockwise with a missed approach in the SE corner. Finally, we would go up North, downwind of Pittsburgh for another missed approach and then do two legs downwind of Pittsburgh and the power plants. This is expected to be an ~8 hour flight.

We expect a high pressure system over the flight region, leading to light northwesterly flow at the beginning of the flight (1am), switching over to South-Southeasterly flow later in the flight (7am).



For documentation:
Interactive web
forms

RF09: Power plants + Pittsburgh

body p

Clear editor

Cancel Submit

**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^{-3} .

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 which the dual Doppler was desired. Later in the flight we flew a tail pattern which sampled a dissipating tail west of Barbuda, and the period before its subsequent redevelopment.

Overview of Flight Pattern: The momentum patterns were to consist of stacks of four to five legs, along and across the shear. We attempted to coordinate these with the ship's heading, and after some initial adjustment settled on a direction. The patterns generally included two levels in the subcloud layer, one or more in the subcloud layer, and one above the cloud. The latter were cut short for lack of echoes. The cloud legs were not flow 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 GV
Staffing Schedule

For documentation:
Instrument Status

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	Instrument
Aircraft and state parameters																
Aircraft, NSF/NCAR GV HIAPER																Aircraft, NSF/NCAR GV HIAPER
Overall	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Overall
ADS - Airborne Data System	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	ADS - Airborne Data System
Digital cameras	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Digital cameras
Mission Coordinator System	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Mission Coordinator System
Radome gust probe	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Radome gust probe
Chemistry																
AMAX-DOAS	down	up	up	up	up	up	up	up	down	up	provisional	up	down	up	up	AMAX-DOAS
AWAS - Advanced Whole Air Sampler	down	provisional	up	provisional	provisional	up	up	up	up	up	up	up	up	up	up	AWAS - Advanced Whole Air Sampler
Bromine	down	up	up	up	provisional	up	up	up	up	up	up	up	up	up	provisional	Bromine
CO - Aerolaser	down	down	up	down	provisional	up	up	up	up	up	up	up	up	up	up	CO - Aerolaser
CO2 - Picarro	down	down	provisional	down	provisional	provisional	down	up	up	up	up	up	up	up	up	CO2 - Picarro
Fast O3	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Fast O3
Formaldehyde	down	provisional	down	provisional	up	provisional	up	up	up	up	down	up	up	up	up	Formaldehyde
GT-CIMS	down	up	up	up	up	up	up	up	down	up	up	up	up	up	up	GT-CIMS
NO-NO2	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	NO-NO2
TOGA - Trace Organic Gas Analyzer	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	TOGA - Trace Organic Gas Analyzer

NSF NCAR GV
AWAS
TOGA
AO2 QCLS
RICE
VCSEL CN
PRISM
GNI Picarro
CLH-2 2DC
Medusa Flask Sampler
CDP

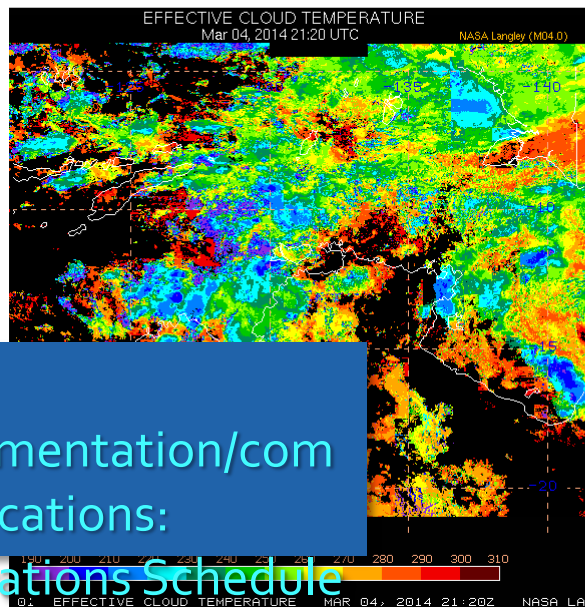


HAIC-HIWC Field Catalog

High Altitude Ice Crystals - High Ice Water Content Project



Latest Cloud Temperature



For documentation/communications:
Operations Schedule

Project Time

UTC	Tues, Mar 4, 22:18 Z	Boulder	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 20 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.



Partner Webpages

[HAIC Home Page](#)
[SAPIRE Home Page](#)

Catalog Resources

[Field Catalogs](#)
[Catalog Users Guide](#)

EOL Pages

[HAIC-HIWC Data](#)
[FOI](#)





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)

2014/08/27 (UTC) -

Choose Other Date

Choose Product Group

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

Satellite Products 2014/08/26

IASI

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

MOPITT

CO Total Column Effective VMR Global	2014/08/22 00:00 UTC	2014/08/22	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
CO Total Column Effective VMR Pacific Ocean	2014/08/22 00:00 UTC	2014/08/22	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
CO Total Column Effective VMR Western US	2014/08/22 00:00 UTC	2014/08/22	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
V5J CO 500mb Layer VMR Western US	2014/08/23 00:00 UTC	2014/08/23	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
V5J CO Surface Layer VMR Western US	2014/08/23 00:00 UTC	2014/08/23	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
V5J CO Total Column Effective VMR Western US	2014/08/23 00:00 UTC	2014/08/23	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images

Satellite, GOES-13

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

Satellite, GOES-15

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

Supporting Products:
Example - Satellite

AMPS Model
ASCAT
GOES-E
Ship

GFS Model
Soundings
MODIS

COSMIC Sounding
METARs

Aircraft products
NOAA-18



OWLeS Field Catalog

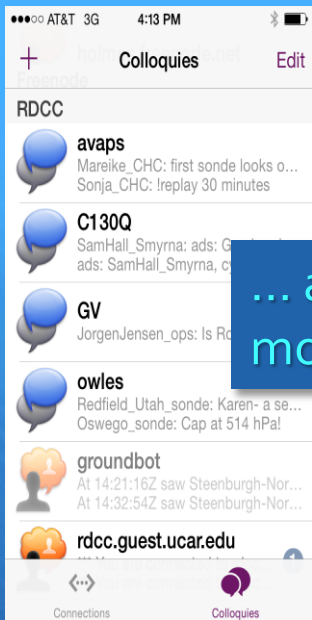
Ontario Winter Lake-effect Systems

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

Mission Summary Table

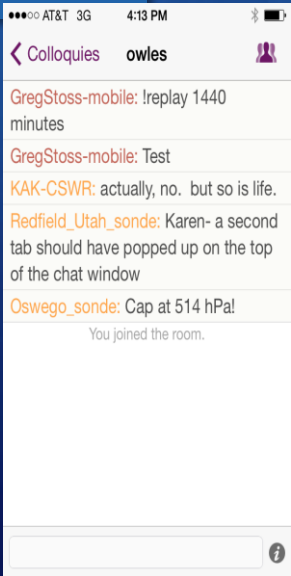
ID	Start Date/Time	End Date/Time	Event	Catalog Products	Flight Track Plot	Summaries	Notes
01	2013-12-07 16:00	2013-12-07 23:00	LLAP band	Ops: Satellite Ops: Radar Ops: Surface Ops: Upper-Air Research: Radar Research: Surface Research: Upper-Air	UWKA Flight Track Plot	Summary Reports	A band-like structure, 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	Ops: Satellite Ops: Radar Ops: Surface Ops: Upper-Air Research: Radar Research: Surface Research: Upper-Air	UWKA Flight Track Plot	King Air Mission Summary Report Millersville Tethersonde Summary Report	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	Ops: Satellite Ops: Radar Ops: Surface Ops: Upper-Air Research: Radar Research: Surface Research: Upper-Air	UWKA Flight Track Plot	Summary Reports	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	Ops: Satellite Ops: Radar			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	Ops: Satellite Ops: Radar Ops: Surface Ops: Upper-Air Research: Radar Research: Surface Research: Upper-Air	UWKA Flight Track Plot	Summary Reports	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.

For Post Mission/Post Campaign Review:



... and mobile!

For Real-time Communications: IRC Chat



```
▼ rdcc.guest.u... (Topic is not set)
EOLnet
#GV
#C130Q
#network
#se
#daq
[21:26] gvbot Lost touch with ground, holding 1 messages
[21:26] schanot_jeffCO JimMoore-Boulder: I'm in my office for teh moment. starting engines n
[21:26] JimMoore-Boulder schanot_jeffCO, OK, just making sure I am in the right place
[21:26] JimMoore-Boulder scha
[21:27] schanot_jeffCO some problems with telemetry data. still going
[21:27] schanot_jeffCO key input for real time guidance are OK
[21:27] JimMoore-Boulder schanot_jeffCO, flight plan looks good so far. The leading edge of
[21:28] schanot_jeffCO roger that. just fixed our telemetry problem too
[21:28] JimMoore-Boulder excellent
[21:28] * ChrisWebster-pad has quit (Quit: Colloquy for iPad - http://colloquy.mobi)
[21:29] schanot_jeffCO going out for departure. back when they are up
[21:29] JimMoore-Boulder if you look at that lightning site I sent you at Duke U, you will see
storm. That is waht they are looking for
[21:30] schanot_jeffCO JimMoore-Boulder: got that. Still a gap to pass through N of Texas bl
[21:31] JimMoore-Boulder Yep looks good to head for BDR and then over to OKC
[21:31] * schanot_jeffCO has quit (Quit: http://www.mibbit.com ajax IRC Client)
[21:31] * ChrisWebster-pad (cjw@c-50-152-60-233.hsd1.co.comcast.net) has joined #GV
[21:31] * ChrisWebster-pad has quit (Quit: Colloquy for iPad - http://colloquy.mobi)
[21:31] * schanot_jeffCO (80755432@ircip3.mibbit.com) has joined #GV
[21:32] schanot_jeffCO JimMoore-Boulder: stuff SW of LBL not that high on IR image.
[21:32] JimMoore-Boulder schanot_jeffCO, will the scienitsts come up on this channel?
[21:33] schanot_jeffCO Ryan is listed
[21:33] schanot_jeffCO going to ramp for departure
[21:37] JimMoore-Boulder Ryan, Are monitoring this channel now?
[21:37] Ryan affirmative. engine troubles.
[21:39] JimMoore-Boulder Ryan, OK, if you head out be aware of very tall cells west ok OKC ab
isolated but very tall
[21:40] schanot_jeffCO JimMoore-Boulder: departure delayed. engine start problem. looking a
[21:40] Ryan copy thanks. pilots will see on radar yes?
[21:40] * schanot_jeffCO has quit (Quit: http://www.mibbit.com ajax IRC Client)
[21:41] JimMoore-Boulder Yes they will, MCS is picking up speed so adjustments to the south
go??
[21:41] * schanot_jeffCO (80755432@ircip3.mibbit.com) has joined #GV
[21:41] schanot_jeffCO JimMoore-Boulder: departure delayed
[21:42] JimMoore-Boulder schanot_jeffCO, Roger-copy
[21:42] schanot_jeffCO working on sensor in #2. will advise of status shortly
[21:42] JimMoore-Boulder OK
[21:43] Ryan yes... ready here. i see cells W of OKC.
[21:50] JimMoore-Boulder Ryan, also some good + strokes from Duke
[21:50] Ryan yes, i see that west of Davenport IA has lit up a bit.
[21:53] JimMoore-Boulder Ryan, The cells west of OKC are ramping up and could be good as well
[21:54] Ryan copy that.
[21:54] JimMoore-Boulder Any luck on the engine?
[21:56] Ryan negative
[21:59] JimMoore-Boulder OK, fingers crossed for success
[22:10] JimMoore-Boulder Ryan, So for the moment, the storm resides in the SW quadrant of the
[22:10] Ryan copy. seems the sw 'tail' is producing + lightning now
[22:11] JimMoore-Boulder Yep, system constantly cycling
[22:18] Ryan if i were to call it now, i'd recommend a north-south track east of OKC nort
[22:18] Ryan full shut down and reboot bye
[22:18] * Ryan has quit (Quit: Leaving)
[22:19] * ads-GV has quit (Quit: Leaving)
[22:20] JimMoore-Boulder schanot_jeffCO, Any update at this time?
[22:26] * gvbot has quit (rdcc.guest.ucar.edu hyper.raf.guest.ucar.edu)
[22:29] schanot_jeffCO JimMoore-Boulder: trying a full aircraft reboot. will advise
[22:31] JimMoore-Boulder roger
[22:34] schanot_jeffCO JimMoore-Boulder: looks like those two systems are merging. Will we h
blob?
```

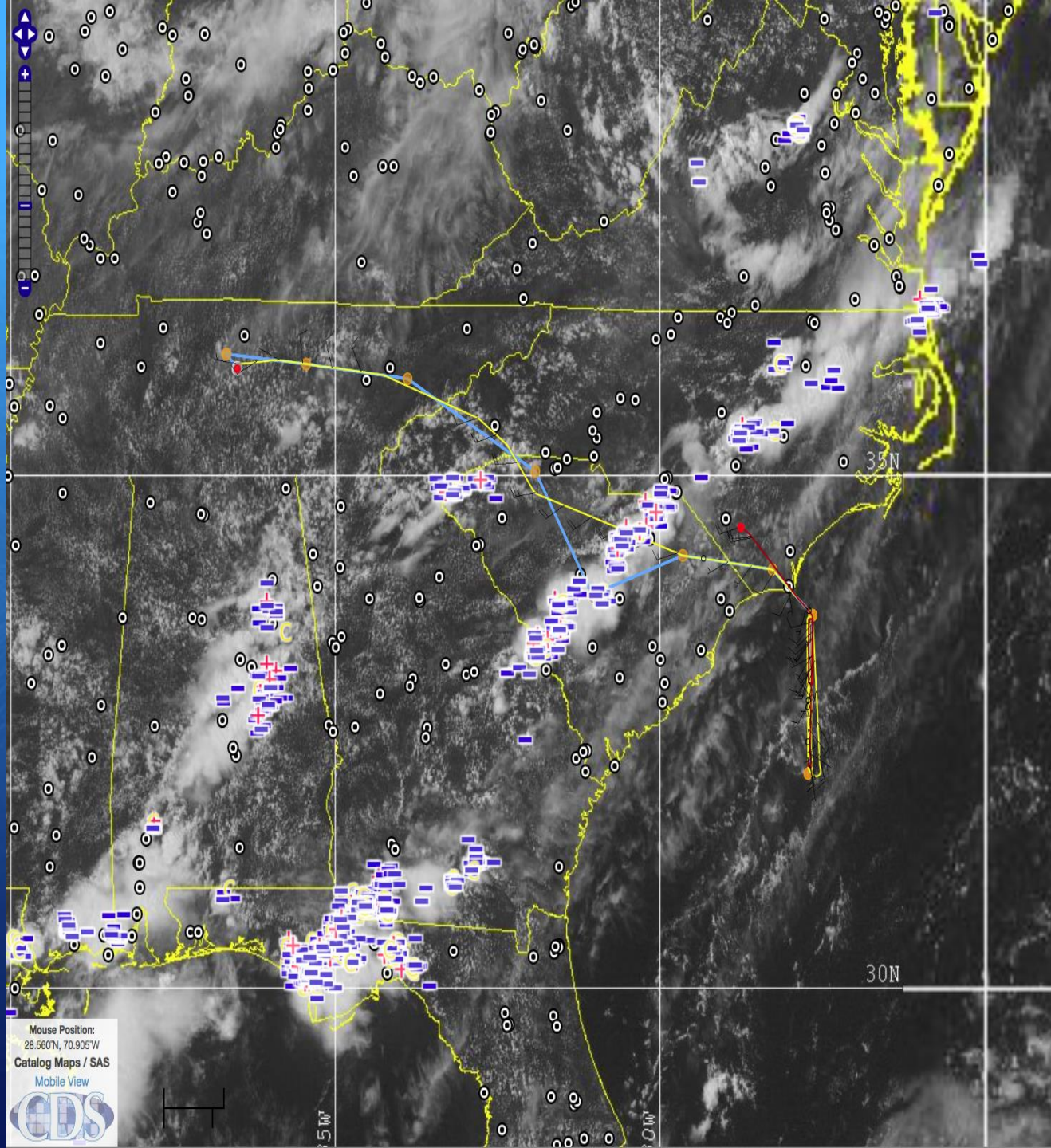

Catalog
Maps Tool:

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?

Potential Product List:

- GOES Imagery
- NOAA Polar Orbiter Mosaics
- MODIS Chlorophyll a, SST, PIC, POC
- ASCAT, WindSat
- AVISO Sea Surface Height?
- COSMIC Soundings
- Surface Met Obs
- Atmospheric Soundings
- AMPS Model
- NCEP GFS Model
- STILT Model
- GEOS-5 Model
- NCAR GV Flight Track
- NCAR GV Camera Images
- NCAR GV quick Look products
- Chat Logs
- LM Gould quick look products?
- Autonomous float quick looks?
- ADCP, Buoy, drifter products?
- PRISM quick looks
- OOI products?

`category.platform.YYYYMMDDHHmm.product_name.ext`

Anonymous ftp upload

Next Steps:

- The Field Catalog will be on-line by mid-December 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 Punta Arenas for the first three weeks of the campaign.