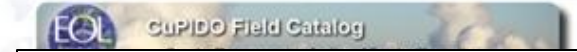
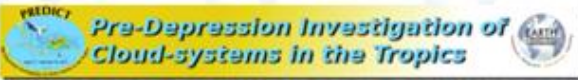
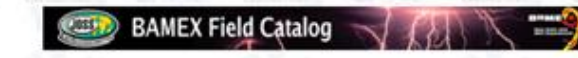
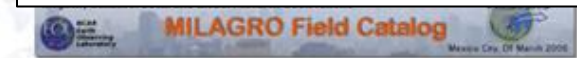
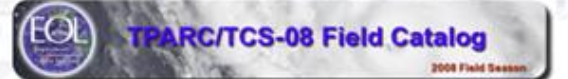


DC3 Field Catalog

Greg Stossmeister
NCAR/Earth Observing Laboratory



*DC3 Science Team Meeting
Feb 21-22, 2012*



EOL FIELD CATALOG TOOL

In-field tool to ingest and display operational and preliminary research products and project documentation for making real-time decisions and evaluating project progress

- Daily Mission Reports
- Operations Summary
- Facility Status Reports
- Data Analysis Products
- GIS-based display
- Preliminary Data Sharing
- Authoring Tools
- Web-based access



The screenshot shows the EOL Field Catalog Tool website. At the top, there is a banner for "Deep Convective Clouds & Chemistry Test Flights" dated May 2011. Below the banner is a navigation menu with links: Catalog Home, Daily Reports, Operational Products, Radar Products, Model/Forecast Products, Research Products, Missions, Tools & Links, Data Access, and Help?. A status bar displays flight information for Boulder, CO (Thur, Feb 16, 4:31 PM), Huntsville, AL (Thur, Feb 16, 5:31 PM), Norman, OK (Thur, Feb 16, 5:31 PM), and UTC (Thur, Feb 16, 10:31 PM). The main content area is divided into three columns:

- Current Reports:** Operations Plan of the Day, GV Status, Weather Discussion, Catalog Earth Tool, Mission Coordinator Display, Way Point Calculator, IRC Chat instant access, Help Documentation (need password? : gstoss at ucar.edu).
- Latest Radar:** Latest CHILL radar, Additional Imagery (Latest 4 hours GOES-13 Visible, Latest 4 hours G-13 IR, Latest 2 hours G-13 Ch3 Water Vapor), DC-3 flight tests have concluded.
- General Information:** DC3 Times Home Page, DC3 Data Management, Teleconference Access Number: 1-866-740-1260 (US toll free), Access Code: 4978380, RAF Status Message (303) 497-1040, Colorado Domain, Comments.

At the bottom, there is a logo for the University Corporation for Atmospheric Research and the address: PO Box 3000 Boulder CO 80307 USA. Copyright © NCAR/EOL 1994-2012. All Rights Reserved.



Deep Convective Clouds & Chemistry Test Flights



May 2011

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

Boulder, CO: Thur, Feb 16, 4:30 PM Norman, OK: Thur, Feb 16, 5:30 PM
 Huntsville, AL: Thur, Feb 16, 5:30 PM UTC: Thur, Feb 16, 10:30 PM

Current Reports:

- Operations Plan of the Day
- GV Status
- Weather Discussion



Catalog Earth Tool



Mission Coordinator Display

Way Point Calculator

IRC Chat Instant access



Help Documentation

need password? :
gstoss at ucar.edu

Latest Radar



NWS Radar Mosaic
2018 UTC 02/16/2012

Latest CHILL radar

Additional Imagery

- Latest 4 hours GOES-13 Visible
- Latest 4 hours G-13 IR
- Latest 2 hours G-13 Ch3 Water Vapor

**DC-3 flight tests
have concluded**

General Information:

DC3 Times Home Page

DC3 Data Management

Teleconference Access
Number:

1-866-740-1260 (US toll free)
Access Code: 4978380

RAF Status Message
(303) 497-1040

Colorado Domain



Comments



University Corporation for Atmospheric Research
PO Box 3000 Boulder CO 80307 USA

The Field Catalog is a Communications Tool . . .



TPARC_2008 Operations Plan of the Day

Date of report(UTC): 2008/09/23 23:50

Author of report: Dick Dirks

Submitted at: 2008/09/24 00:37

Revised at(UTC): 2008/09/24 19:33

Operations Summary:

The P-3,C-130 and Falcon are all down today.

The C-130 is scheduled to fly tomorrow, 25 September(Guam,Japan LT).

The P-3 is scheduled to fly tomorrow, 25 September.

The Falcon is not scheduled to fly tomorrow.

Flight schedules for C-130 and P-3 shown below.

Schedule for C-130 in the next 24 hours;

Event	UTC	Guam LT	MRY LT
Flt Plan	1200UTC 24 Sep	2200 25 Sep	0500 24 Sep
Go/no go	1300UTC 24 Sep	2300 25 Sep	0600 24 Sep
Science Brf/			
Crew alert	1300UTC 24 Sep	2300 25 Sep	0600 24 Sep
Crew brief	1400UTC 24 Sep	0000 25 Sep	0700 24 Sep
C-130 T/O	1700UTC 24 Sep	0300 25 Sep	1000 24 Sep
C130 land	0000UTC 25 Sep	1000 25 Sep	1700 24 Sep
Debrief	0100UTC 25 Sep	1100 25 Sep	1800 24 Sep

Schedule for the NRL P-3 in the next 24 hours;

Event	UTC	Guam LT	MRY LT
Science Brf	1700UTC 24 Sep	0300 25 Sep	1000 24 Sep
Crew Brief	1700UTC 24 Sep	0300 25 Sep	1000 24 Sep
NRL P-3 T/O	2000UTC 24 Sep	0600 25 Sep	1300 24 Sep
p-3 land	0400UTC 25 Sep	1400 25 Sep	2100 24 Sep
Debrief	0500UTC 25 Sep	1500 25 Sep	2200 24 Sep

C-130 requires flight tracks 5 or more hours before take off and a go/no go decision 3.5 hours before launch. Preflight science briefing will be 3 hours in advance of each aircraft departure. Preflight operational brief will be two hours in advance of departure of each aircraft.

Driftsonde operations continue. Flight #13 is operational and is located at,16.8N, 163.5E, at 19.9km altitude, Flight #14 is operational and is located at 20.5N, 171.0E, at 21.6km altitude, Flight #15 is operational and is located at 18.9N, 170.4W, at 27.1km altitude. Flight #16 was launched at 1557UTC, 23 Sept.

The Daily Planning Meeting will be at the regular time:

DPM	2300UTC 24 Sept	0900 25 Sept	1600 24 Sept
-----	-----------------	--------------	--------------

SCIENTIFIC OBJECTIVE(S):

Structure change in TCS-047 southwest of Guam

MISSION PLANS:

PRIMARY MISSION:

RAINEX Weather Discussion

For Research Planning Purpose Only

Date(UTC): 2005/09/19 11:16

Author: Derck Ortt

Submitted at(UTC): 2005/09/19 11:22

Review of Yesterday's Forecast:

DAY 1 Update:

Recon reports and satellite imagery suggest that Rita is intensifying and the initial intensity is now set at 50 KT. Rita has convection firing and becoming better organized over the last several hours. Rita is under very light southerly shear from the upper low over Cuba. However, this upper low is weakening and retrograding eastward, therefore Rita will be in a low shear environment with very warm SSTs. Intensity guidance is much higher than 12 and 18Z. SHIPS brings Rita to a hurricane in 24 h, the GFD models in 36 h. Thereafter the GFD models make Rita a major hurricane in the Gulf. Due to the rapid development of Rita, this forecast is above the guidance in the short term and follows the SHIPS and GFDL model in the long term.

Rita is now moving NW near 8 mph, this motion is expected through 12-24 hours followed by a westward and possible south of west motion once the ridge over the SE U.S. steers Rita. This track forecast is slightly right of the previous one bringing Rita into the Florida Keys in 36-48 hours.

Initial (0000 UTC): 22.7N 72.9W 50KT

12 Hour: 23.6N 74.5W 60KT

24 Hour: 24.5N 76.5W 70KT

36 Hour: 24.8N 78.5W 80KT

48 Hour: 24.8N 81.0W 90KT

72 Hour: 24.7N 85.5W 100KT

USE WITH EXTREME CAUTION AS FOLLOWING IS SUBJECT TO LARGE ERROR

96 Hour: 24.9N 91.0W 100KT

120 Hour: 26.0N 95.0W 100KT

Next Forecast: 1500 UTC

Forecaster: Cangialosi

Since the writing of this forecast, Rita has maintained 50KT intensity, though recent satellite imagery is showing signs of some further intensification. The track has remained due west. Last night's NW motion was likely center reformations closer to

TPEARC_2008 Facilities Status Report

Date of report(UTC): 2008/10/03 22:20

Author of report: Dick Dirks

Submitted at(UTC): 2008/10/03 22:22

OVERVIEW:

P-3 is operational. Wind lidar down, possibly up 5 Oct.

Falcon flight operations were completed yesterday.

C-130 flight operations have been completed.

Driftsonde operations have been completed.

FACILITY STATUS

■ = up; ■ = provisional; ■ = down ; ■ = no report

1. NRL P-3 (Remaining flight hrs: ~20)	Comment: last flight day 5 Oct.
a. ELDORA Radar	Comment:
b. ONR Wind Lidar	Comment: power supply problem, repairs underway
c. Dropsonde System	Comment:
d. Data System	Comment:
e. Communications	Comment:
2. USAF C-130 (Remaining flight hrs:)	Comment: Flight operations completed
a. Dropsonde System	Comment:
b. Data System	Comment:
c. Communications	Comment:
d. Radar Recording	Comment:
e. AXBT System	Comment:
3. DLR(D-CMET) Falcon (Remaining flight hrs:)	Comment: Flight operations completed
a. Water Vapor Lidar	Comment:
b. Doppler Wind Lidar	Comment:
c. Dropsonde System	Comment:
d. Data System	Comment:
e. Communications	Comment:
4. DOTSTAR (Remaining flight hrs: ~4)	Comment:
a. Dropsonde System	Comment:
5. Driftsonde Operations	Comment: All operations have been completed,
a. Dropsonde System	Comment:
b. Gondola	Comment:
c. Launch Site	Comment:
6. Operations Centers	Comment: All operational
a. Monterey	Comment:

**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 ships heading, and after some initial adjustment settled on a direction. The patterns generally included two levels in the subcloud



TPARC/TCS-08 Field Catalog

2008 Field Season

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[Daily Reports](#)

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[Research Products](#)

[Missions](#)

[Tools & Links](#)

Catalog Tools

- [Report Generation Forms](#)
(password needed to access)
- [Upload documents and images](#)
(password needed to access)

Catalog Information

- [Field Catalog Users Guide](#)

Project Information

[TPARC Project Homepage](#)

Chat Information

- [X-chat instant access](#)
- [Chat Room Guidelines](#)
- [Chat Client Configuration Instructions](#)
- [Primer-Everything you need to know about CHAT](#)

Driftsonde Movies

- [Launch of Flight #15](#)

Contact Information

- [TPARC 2008 Operations Center](#)

Operations: 831-656-3569
Operations Coordinator: (303) 818-9400
DriftSonde Operations: 831-656-XXXX

- [West Pac Coordination Center](#)

TPARC/TCS08 Guam Center (671) 653-0235 and 0236
Guam EOL Coordinator: (671) 689-1468
USAF C-130 Coordinator: (671) 689-1376
USAF (Dave Borsi-Hangar 4)(671) 366-8096
C130 Coord (P Black) (671) 689-1386
C-130 Scientist (D Jorgensen) (671) 878-8036
P3 Science (Dave Raymond) (671) 878-6839
EOL Sys Admin (671) 878-6703
NRL P3 Point of Contact (LCdr Brown) (671) 689-1458

- [NCAR/EOL Guam Staff Directory](#) UPDATED
(PDF version)

Additional Data Sources

- [NRL Tropical Cyclones Page](#)
- [NRL T-PARC / TCS-08 Web Site](#)
- [NEXSAT Imagery](#)
- [LLDN Lightning Maps](#)
- [JTWC Page](#)
- [COAMPS Model Page](#)
- [CIMSS TPARC Satellite Page](#)
- [NPS Briefing Web site](#)
- [NWS Guam](#)
- [JMA TPARC website](#)
- [DOTSTAR Web Site](#)
- [CHIPS Track and Intensity Forecasts](#)

Operational Model Data Coverage



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Resource Usage Summaries | [Flight Ops Range Rings](#)

Date (UTC)	DLR Falcon status	Driftsonde status	NRL P-3 status	USAF C130 plan of the day	dlr falcon mission summary	driftsonde operations	facilities status summary	forecast brief	forecast graphic	nrl p-3 mission summary	ops plan of the day	usaf c130 mission summary	weather model verification	weather summary	weather targeting blog
2008/10/30													18:15		
2008/10/05			07:26												
2008/10/04			21:06								00:19		19:44		
2008/10/03			10:31				00:37 22:20	22:23	22:23	22:24	00:42		20:06	20:39	
2008/10/02											00:10		21:22	23:00	15:06
2008/10/01	23:12		23:05		05:25		22:22	22:41	22:42		00:01		22:32	23:00	15:06
Date (UTC)	DLR Falcon status	Driftsonde status	NRL P-3 status	USAF C130 plan of the day	dlr falcon mission summary	driftsonde operations	facilities status summary	forecast brief	forecast graphic	nrl p-3 mission summary	ops plan of the day	usaf c130 mission summary	weather model verification	weather summary	weather targeting blog
2008/09/30			00:09 23:41				22:43	22:29	22:29		00:03		20:44	19:53 21:29 23:00	14:51 15:53
2008/09/29		10:00 22:00			03:50 22:20		22:51	22:38	22:39		00:07		20:36	20:48 23:00	15:14 15:40
2008/09/28	23:07	10:00 22:00	00:55 23:15		03:10		22:00	22:43 22:47	22:41 22:43 22:46		00:33		21:36	20:50 23:00	13:22 20:55
2008/09/27		10:00 22:00	00:11 06:05				22:57	22:11 22:34 22:56	22:12 22:35 23:00		00:02	02:08	20:56	21:15 23:00	13:29 20:53
2008/09/26	23:30	10:00 22:00	00:20	04:15			21:10	22:26 22:34	22:30 22:35	20:08	00:03		20:27	21:14 23:00	11:37 22:30
2008/09/25	07:37 14:33	10:00 22:00	10:18	07:06		17:30	22:14	22:35 22:43	22:37 22:43	22:08	00:11	20:03	20:51	21:10 23:00	14:50 22:27 23:33
2008/09/24		10:00 22:00	00:08	08:16		18:04	22:36	21:47 22:31	21:49 22:33	20:15		17:13	20:02	21:12 23:00	15:10 15:34 22:00
2008/09/23		10:00 22:00	00:08	00:38		19:56	22:48	22:30 23:58	22:31 22:33 23:58	00:12	00:37 23:50		20:45	20:32 21:28 23:00	14:23 15:08
2008/09/22		10:00 22:00	01:31			19:24	22:20	19:19 20:36	18:58 20:35		00:26		19:29	20:47 23:00	13:28 15:26 22:00
2008/09/21	06:21 06:49	10:00 22:00	02:35	12:23		18:55	22:07	17:03 21:08	17:02 21:08	22:35	00:38		19:53	20:42 20:53 23:00	14:08 14:53
2008/09/20	05:06	10:00 22:00	01:16 23:11	21:53	22:05	19:17	21:55	22:49	22:48	02:35	00:46	01:56	18:57	21:10 23:00	16:22 16:30 22:00
2008/09/19	16:55	10:00 22:00	01:52 09:58	03:34			20:37	22:28 22:46	22:31 22:49	00:15	00:49	00:53	20:06	20:56 23:00	12:03 16:03
2008/09/18		10:00 22:00	00:09 08:38	09:19	03:25 22:35	22:44	22:36	22:39 22:50	22:39 22:50		00:37		19:55	20:46 23:00	13:11 15:25
2008/09/17		10:00 22:00	06:37	02:44	03:20	21:09	22:04	22:01 22:34	22:04 22:36	22:39	00:20	22:24	20:28	21:33 23:00	15:02 16:05
2008/09/16		10:00 22:00	23:15	03:45		19:31	17:22 22:25	15:42 22:14 22:33	15:44 22:13 22:33	20:53	01:01	20:44	20:54	21:22 23:00	13:23 15:15
2008/09/15		10:00 22:00	03:03	17:30	21:35		22:32	00:05 21:36 23:05	21:35 23:05				20:51	21:17 23:00	14:16 15:38



TORERO FIELD CATALOG

January-February 2012

- 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 +iwsz
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
09:13 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 compositions
09:33 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
09:50 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'l 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
10:08 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 stratus
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

Idlers

- 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

The Field Catalog is a Real-time Decision Making Tool ..



Available Operational Products for 2010/05/28 UTC

◀ [Previous Date\(UTC\)](#) [Next Date\(UTC\)](#) ▶

Satellite Products

Product Times(UTC)	28 May 2010																								
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
goes-13																									
4km_ch1_vis	0015 0045	0102 0115 0132 0145	0202 0215 0232 0245	0315 0332						0932 0945	1002 1015 1032 1045	1102 1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	
4km_ch3_water_vapor	0015 0045	0102 0115 0132 0145	0202 0215 0232 0245	0315 0332 0345	0402 0415 0432 0445	0502 0515 0532 0545	0615 0632 0645	0702 0715 0732 0745	0802 0815 0832 0845	0915 0932 0945	1002 1015 1032 1045	1102 1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	
4km_ch4_thermal-IR	0015 0045	0102 0115 0132 0145	0202 0215 0232 0245	0315 0332 0345	0402 0415 0432 0445	0502 0515 0532 0545	0615 0632 0645	0702 0715 0732 0745	0802 0815 0832 0845	0915 0932 0945	1002 1015 1032 1045	1102 1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	
northeast_1km_ch1_vis	0015 0045	0102 0115 0132 0145	0202								1032 1045	1102 1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	
northwest_1km_ch1_vis	0015 0045	0102 0115 0132 0145	0202 0215 0232								1045	1102 1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	
southeast_1km_ch1_vis	0015 0045	0102 0115 0132 0145									1045	1102 1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	
southwest_1km_ch1_vis	0015 0045	0102 0115 0132 0145	0202 0215								1115 1132 1145	1215 1232 1245	1302 1315 1332 1345	1402 1415 1432 1445	1515 1545	1602 1632 1645	1702 1732 1745	1815 1832 1845	1902 1932 1945	2002 2032 2045	2115 2132 2145	2202 2232 2245	2302 2332 2345	 	

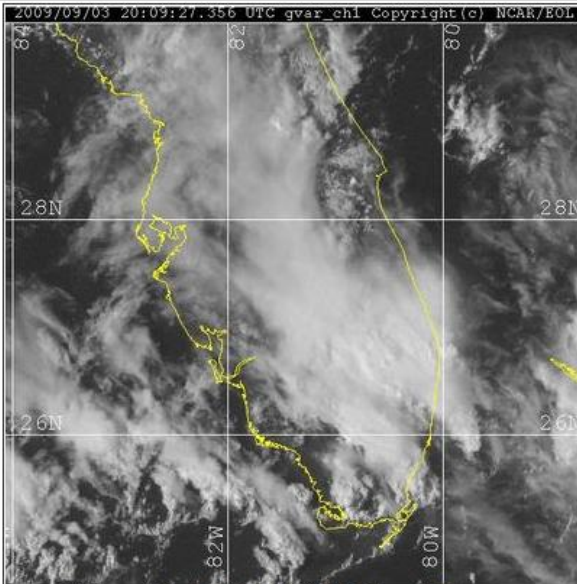
Upper Air Products

Product Times(UTC)	28 May 2010																									
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Constant Pressure (NCAR/RAP Upper Air)																										
200_mb_chart	0000												1200													
250_mb_chart	0000												1200													
300_mb_chart	0000												1200													
500_mb_chart	0000												1200													
700_mb_chart	0000												1200													
850_mb_chart	0000												1200													
925_mb_chart	0000												1200													
Profiler (Interactive Site Map NOAA Profiler Products)																										
Conway_MO	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Dequeen_AR	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Fairbury_NE	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Granada_CO	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Haskell_OK	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Haviland_KS	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Hillsboro_KS	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Jayton_TX	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	
Lamont OK	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	 	

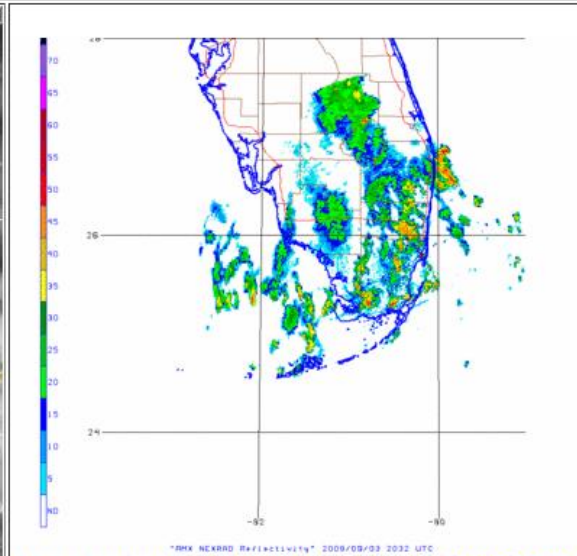
ADELE_SPRITE 4 panel display

Current time (GMT): Fri Sep 11 15:55:47 2009

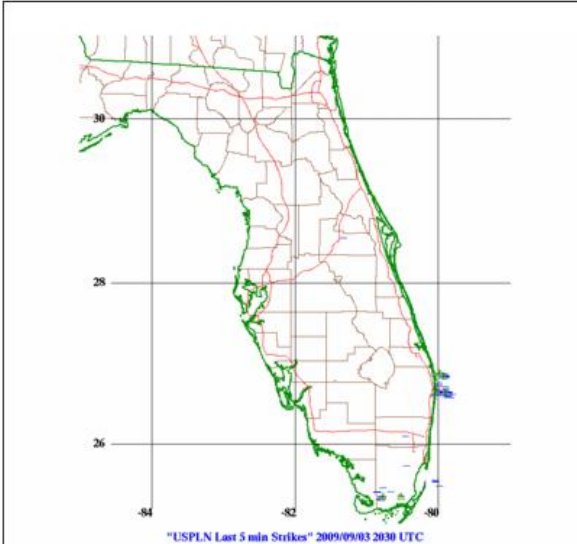
Products Form



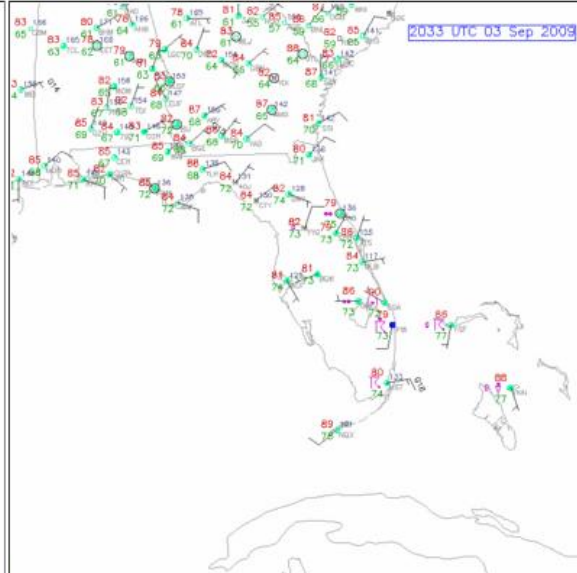
goes-12 1km_ch1_vis 09/03/2009 20:15 [movie loop](#)



NEXRAD AMX_reflectivity 09/03/2009 20:32 [movie loop](#)



Ltng_USPLN FLA_lst_5min 09/03/2009 20:30 [movie loop](#)



GTS_Station_Plot Tampa 09/03/2009 20:35 [movie loop](#)

Low Bandwidth Interface

DYNAMO Operational products

Go to: [report](#) [ops](#) [model](#) [research](#) [tools and links](#) [forums](#)

Browse by Date: [20111031](#)

UTC CST

Browse by latest Operational Products:

Satellite Products

CPC_QMORPH	<input type="text" value="30min_Precipitation"/>	<input type="button" value="retrieve product"/>
TMI	<input type="text" value="3_day_avg_atmos_water_vapor"/>	<input type="button" value="retrieve product"/>
ASCAT	<input type="text" value="DYNAMO_NE_winds_ascending"/>	<input type="button" value="retrieve product"/>
AMSRE	<input type="text" value="3_day_avg_atmos_water_vapor"/>	<input type="button" value="retrieve product"/>
NOAA_POES	<input type="text" value="SST"/>	<input type="button" value="retrieve product"/>
CSU_SSTWIND	<input type="text" value="wind_over_sst"/>	<input type="button" value="retrieve product"/>
IMD_Kalpana-1	<input type="text" value="Cloud_Motion_Vectors"/>	<input type="button" value="retrieve product"/>
METEOSAT7	<input type="text" value="ch10_water_vapor"/>	<input type="button" value="retrieve product"/>
CSU_IRWIND	<input type="text" value="wind_over_ir"/>	<input type="button" value="retrieve product"/>
AVISO	<input type="text" value="merged_absolute_dynamic_topography"/>	<input type="button" value="retrieve product"/>
CIMSS_MIMIC	<input type="text" value="TPW"/>	<input type="button" value="retrieve product"/>
CPC_CMORPH	<input type="text" value="Daily_Precipitation"/>	<input type="button" value="retrieve product"/>
METEOSAT7_AMV	<input type="text" value="850_mb_vorticity"/>	<input type="button" value="retrieve product"/>
UM_CLOUD_TRACKING	<input type="text" value="IR_cluster_image"/>	<input type="button" value="retrieve product"/>

Upper Air Products

Marsupial Guidance Forecast Products

Forecast Times(UTC)	25 Sep 2008				26 Sep 2008				27 Sep 2008				28 Sep 2008		
	00	06	12	18	00	06	12	18	00	06	12	18	00	12	
MTM_ECMWF - Analysis and Forecast from 2008/09/25 00:00 UTC (The Marsupial Paradigm)															
TCS048_71mb_hovmoller	000hr														
TCS048_850mb_hovmoller	000hr														
TCS048_925mb_hovmoller	000hr														
TCS048_SH	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
TCS048_okubo_weiss	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
TCS048_relative_vorticity	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
TCS048_vertical_cross_section	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
MTM_GFS - Analysis and Forecast from 2008/09/25 12:00 UTC (The Marsupial Paradigm)															
TCS048_700mb_hovmoller			000hr												
TCS048_850mb_hovmoller			000hr												
TCS048_925mb_hovmoller			000hr												
TCS048_TPW			000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr		060hr	072hr	
TCS048_okubo_weiss			000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr		060hr	072hr	
TCS048_relative_vorticity			000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr		060hr	072hr	
TCS048_vertical_cross_section			000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr		060hr	072hr	
MTM_NOGAPS - Analysis and Forecast from 2008/09/25 00:00 UTC (The Marsupial Paradigm)															
TCS048_700mb_hovmoller	000hr														
TCS048_850mb_hovmoller	000hr														
TCS048_925mb_hovmoller	000hr														
TCS048_RH	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
TCS048_okubo_weiss	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
TCS048_relative_vorticity	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
TCS048_vertical_cross_section	000hr	006hr	012hr	018hr	024hr	030hr	036hr	042hr	048hr	054hr	060hr	066hr	072hr		
Forecast Times(UTC)	00	06	12	18	00	06	12	18	00	06	12	18	00	12	
	25 Sep 2008				26 Sep 2008				27 Sep 2008				28 Sep 2008		

NRL COAMPS TC Tropical Cyclone Forecast Products

Forecast Times(UTC)	25 Sep 2008								26 Sep 2008								27 Sep 2008								28 Sep 2008					
	00	03	06	09	12	15	18	21	00	03	06	09	12	15	18	21	00	03	06	09	12	15	18	21	00	03	06	09	12	
COAMPS_TC - Analysis and Forecast from 2008/09/25 00:00 UTC																														
19W_10m_winds_grid3	000hr	003hr	006hr	009hr	012hr	015hr	018hr	021hr	024hr	027hr	030hr	033hr	036hr	039hr	042hr	045hr	048hr	051hr	054hr	057hr	060hr	063hr	066hr	069hr	072hr					
19W_1kmradref_grid3		003hr	006hr	009hr	012hr	015hr	018hr	021hr	024hr	027hr	030hr	033hr	036hr	039hr	042hr	045hr	048hr	051hr	054hr	057hr	060hr	063hr	066hr	069hr	072hr					
19W_850windsandvort_grid1	000hr	003hr	006hr	009hr	012hr	015hr	018hr	021hr	024hr	027hr	030hr	033hr	036hr	039hr	042hr	045hr	048hr	051hr	054hr	057hr	060hr	063hr	066hr	069hr	072hr					
19W_Forecast_Track	000hr																													
19W_slp_grid1	000hr	003hr	006hr	009hr	012hr	015hr	018hr	021hr	024hr	027hr	030hr	033hr	036hr	039hr	042hr	045hr	048hr	051hr	054hr	057hr	060hr	063hr	066hr	069hr	072hr					
19W_slp_grid3	000hr	003hr	006hr	009hr	012hr	015hr	018hr	021hr	024hr	027hr	030hr	033hr	036hr	039hr	042hr	045hr	048hr	051hr	054hr	057hr	060hr	063hr	066hr	069hr	072hr					
COAMPS_TC - Analysis and Forecast from 2008/09/25 12:00 UTC																														

Catalog Earth

Ge Products

Napln

latest_strikes (Top)

Data is 179 days 17 hours 48 minutes old:
2010-08-31 12:30:00 UTC

Cimss

OT_product (Top)

Data is 179 days 18 hours 3 minutes old:
2010-08-31 12:15:00 UTC

Research

N677F_drop_1000mb (Top)

N677F_drop_250mb (Top)

N677F_drop_500mb (Top)

N677F_drop_700mb (Top)

Data is 179 days 17 hours 24 minutes old:
2010-08-31 12:53:00 UTC

N677F_drop_850mb (Top)

N677F_drop_925mb (Top)

N677F_drop_points (Top)

Data is 179 days 17 hours 24 minutes old:
2010-08-31 12:53:00 UTC

N677F_flight_track (Top)

Data is 179 days 17 hours 17 minutes old:
2010-08-31 13:00:00 UTC

NAB17_drop_1000mb (Top)

NAB17_drop_250mb (Top)

NAB17_drop_500mb (Top)

NAB17_drop_700mb (Top)

NAB17_drop_850mb (Top)

NAB17_drop_925mb (Top)

NAB17_drop_points (Top)

planned_flight_track (Top)

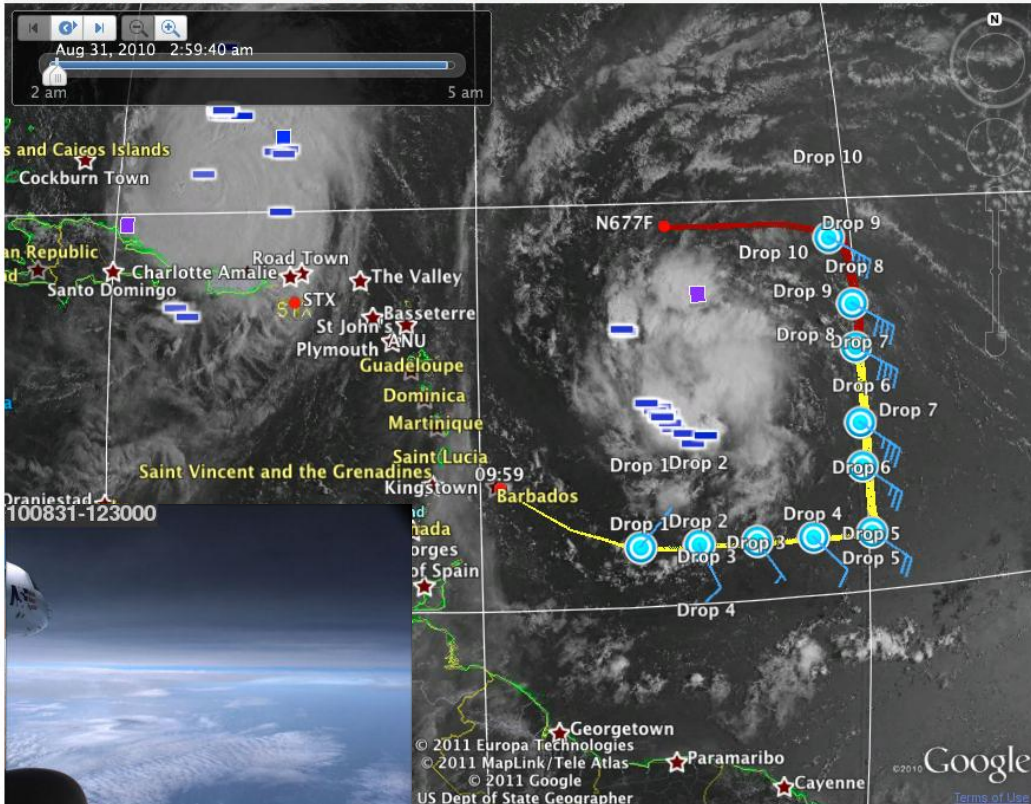
Recon

AF300_flight_track (Top)

AF301_flight_track (Top)

AF302_flight_track (Top)

Grid Status Bar Overview Map Road Labels Border Labels



Date/Time Select

AUGUST 2010

« < TODAY > »

mon	tue	wed	thu	fri	sat	sun
						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					

08 / 31 / 2010
MM DD YYYY

Hour: 12 Min: 30

Submit Display Latest Data

Create Loop:

forward
 back

Create Loop Exit Loop

[HELP](#)

Events

- [RF01](#) - 2010-08-15
- [RF02](#) - 2010-08-17
- [RF03](#) - 2010-08-18
- [RF04](#) - 2010-08-21
- [RF05](#) - 2010-08-23
- [RF06](#) - 2010-08-30
- [RF07](#) - 2010-08-31
- [RF08](#) - 2010-09-01
- [RF09](#) - 2010-09-02
- [RF10](#) - 2010-09-03
- [RF11](#) - 2010-09-05
- [RF12](#) - 2010-09-06
- [RF13](#) - 2010-09-07
- [RF14](#) - 2010-09-10
- [RF15](#) - 2010-09-10
- [RF16](#) - 2010-09-11
- [RF17](#) - 2010-09-12
- [RF18](#) - 2010-09-13
- [RF19](#) - 2010-09-14
- [RF20](#) - 2010-09-20
- [RF21](#) - 2010-09-21
- [RF22](#) - 2010-09-22
- [RF23](#) - 2010-09-24
- [RF24](#) - 2010-09-27
- [RF25](#) - 2010-09-28
- [RF26](#) - 2010-09-30

The selected date/time display is 2010-08-31 12:30 GMT

Time Step Controls

Back 30 min Forward

The Field Catalog is a Post Analysis Tool . . .





Pre-Depression Investigation of Cloud-systems in the Tropics



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

Flight	Date	System	Operations Area	Maximum Intensity During System Lifetime	Catalog Products	GV Dropsonde kmls	DC8 Dropsonde kmls	Flight Summary	Notes
RF01	Aug 15	Disturbance	Western Atlantic	Disturbance	Operational Model Research	Points 1000mb Winds 925mb Winds 850mb Winds 700mb Winds 500mb Winds 250mb Winds		Mission Scientist Summary Science Director Summary	Shakedown/Investigation of stalled frontal boundary and upper tropospheric shear line in the vicinity of the Bahamas.
RF02	Aug 17	PGI27L	Caribbean	Disturbance	Operational Model Research	Points 1000mb Winds 925mb Winds 850mb Winds 700mb Winds 500mb Winds 250mb Winds		Mission Scientist Summary Science Director Summary	First mission into PGI27L which had only recently begun to develop deep convection.
RF03	Aug 18	PGI27L	Caribbean	Disturbance	Operational Model Research	Points 1000mb Winds 925mb Winds 850mb Winds 700mb Winds 500mb Winds 250mb Winds		Mission Scientist Summary Science Director Summary	Second mission into PGI27L during which a large MCS developed in the northeastern part of the flight region.
RF04	Aug 21	PGI30L	Central Atlantic	Disturbance	Operational Model Research	Points 1000mb Winds 925mb Winds 850mb Winds 700mb Winds 500mb Winds 250mb Winds		Mission Scientist Summary Science Director Summary	First mission into PGI30L with weak convective activity. A small area of moderate convection was sampled in the northeastern corner of the lawnmower pattern. Dropsonde data became progressively noisier as flight went on.

Preliminary Data Access



RAMADDA Data Repository - Folder

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[Top](#)

Change layout:

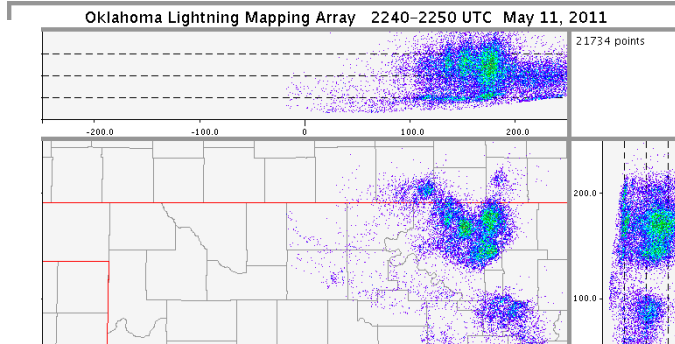
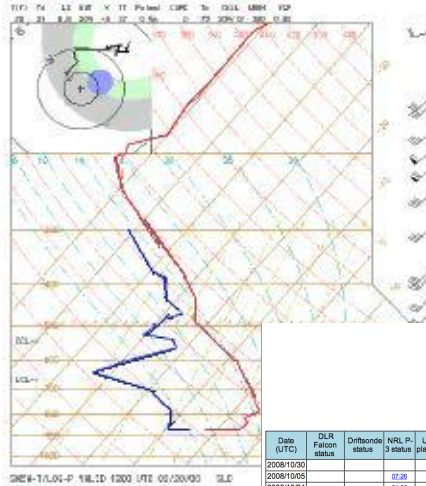
EOL Field Catalog Data

Information

Entries ▶

▼ PREDICT	2011/04/21 16:52 UTC
▶ cimss	2011/05/23 21:12 UTC
▶ goes	2011/05/23 21:12 UTC
▶ mtm track	2011/05/23 21:12 UTC
▼ tempdrop	2011/05/23 21:12 UTC
▶ 20100815	2011/05/23 21:12 UTC
▶ 20100830	2011/05/23 21:12 UTC
▶ 20100829	2011/05/23 21:12 UTC
▶ 20100827	2011/05/23 21:12 UTC
▶ 20100824	2011/05/23 21:12 UTC
▶ 20100823	2011/05/23 21:12 UTC
▶ 20100821	2011/05/23 21:12 UTC
▶ 20100819	2011/05/23 21:12 UTC
▶ 20100818	2011/05/23 21:12 UTC
▶ 20100817	2011/05/23 21:12 UTC
▶ 20100905	2011/05/23 21:12 UTC
▶ 20100903	2011/05/23 21:12 UTC
▶ 20100902	2011/05/23 21:12 UTC
▶ 20100901	2011/05/23 21:12 UTC
▶ 20100831	2011/05/23 21:12 UTC
▶ 20100906	2011/05/23 21:12 UTC
▶ 20100907	2011/05/23 21:12 UTC
▶ 20100908	2011/05/23 21:12 UTC
▶ 20100910	2011/05/23 21:12 UTC
▶ 20100911	2011/05/23 21:12 UTC
▶ 20100912	2011/05/23 21:12 UTC
▶ 20100927	2011/05/23 21:12 UTC
▶ 20100924	2011/05/23 21:12 UTC
▶ 20100922	2011/05/23 21:12 UTC
▶ 20100921	2011/05/23 21:12 UTC
▶ 20100920	2011/05/23 21:12 UTC
▶ 20100917	2011/05/23 21:12 UTC

FIELD CATALOG SAMPLE PRODUCTS

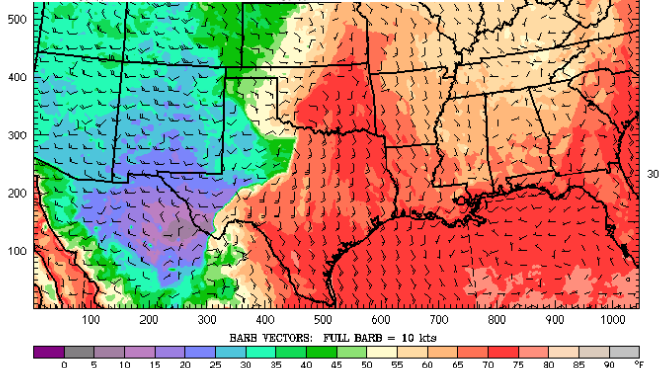
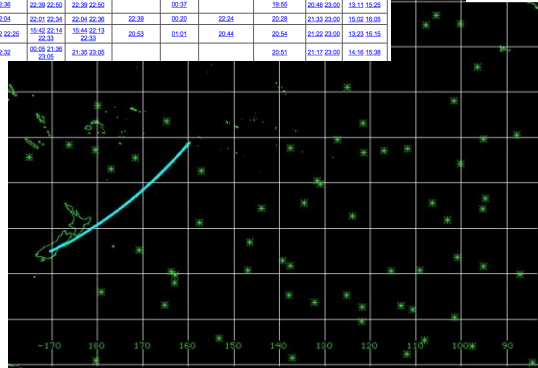
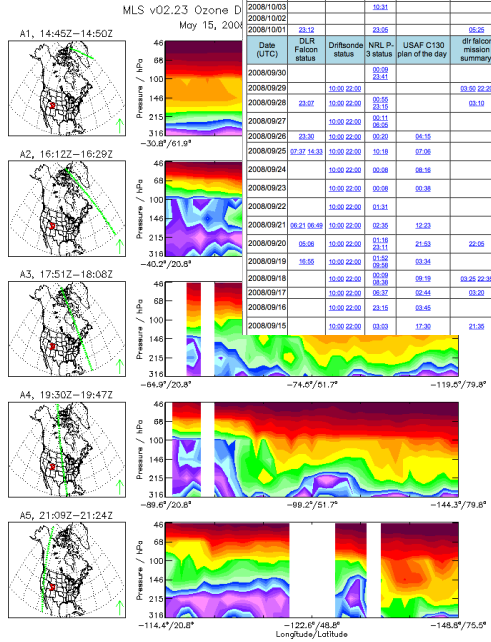
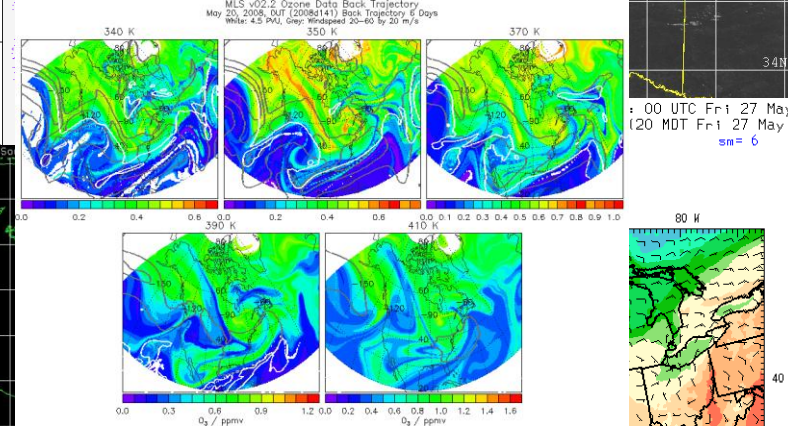
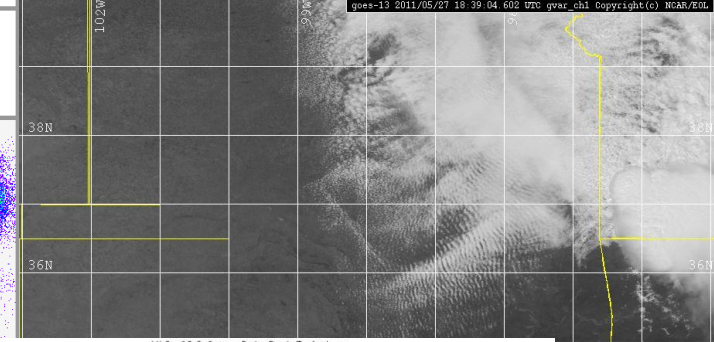


TPARC/TCS-08 Field Catalog
2008 Field Season

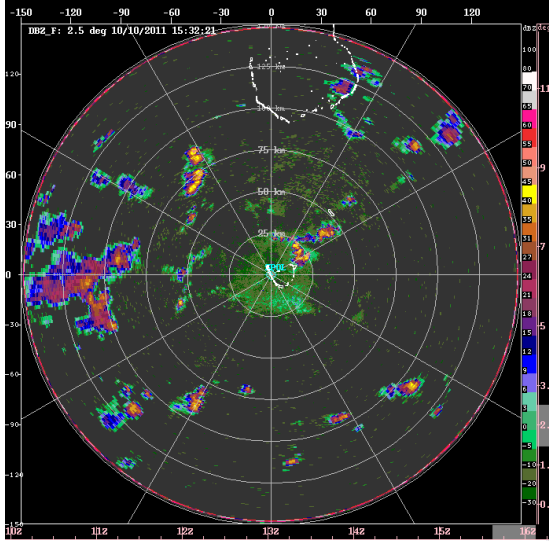
Catalog Home Daily Reports Operational Procedures Model/Facility Feedback Reports/Forecasts Missions Look & Links

Resource Usage Summaries | Flight Ops Range Rings

Date (UTC)	DLR Falcon status	Driftsonde status	NRL P-3 status	USAF C130 plan of the day	dir falcon mission summary	driftsonde operations	facilities status summary	forecast brief	forecast graphic	mt p-3 mission summary	ops plan of the day	usaf c130 mission summary	weather model verification	weather summary	weather targeting blog	
20081030																
20081005			07:30													
20081004			21:30													
20081003			05:31					05:37 05:30	05:23	05:23	05:28	05:42	20:58	20:58		
20081002													21:22	22:50	18:08	
20081001	03:12	03:55			05:55		22:22	02:41	02:42		05:01		22:32	23:00	18:08	
20080930			02:30		03:55 02:30		22:43	02:29	02:29	05:05			18:53 21:28	18:53	18:51 18:53	
20080929		15:30 02:00	02:30		08:10		22:51	02:28	02:28	05:07			20:36	20:48 21:00	18:51 18:50	
20080928	03:07	16:30 02:00	02:30				22:00	02:20 02:41	02:41 02:43	05:00			21:30	20:58 21:00	18:42 20:58	
20080927		15:30 02:00	02:31				22:57	02:11 02:34	02:34 02:38	05:02	05:02	05:08	20:58	21:15 21:30	18:29 20:53	
20080926	03:30	15:30 02:00	02:30	06:15			21:10	02:20 02:34	02:37 02:35	05:08			20:27	21:14 21:30	17:37 22:30	
20080925	07:37 16:30	15:30 02:00	02:30	07:08			22:51	02:20 02:43	02:47 02:43	05:08	05:11	20:53	20:51	21:10 21:30	18:52 18:48	
20080924		15:30 02:00	02:30	08:16			18:54	02:26	02:47 02:31	05:10 02:30		17:13	20:02	21:12 21:30	18:52 18:48	
20080923		15:30 02:00	02:30	08:36			19:06	02:48	02:30 02:58	05:12	05:37 03:00		20:05	20:42 21:30	18:52 18:48	
20080922		15:30 02:00	02:31				18:45	02:20	18:19 20:36	18:58 20:35	05:08		18:59	20:47 20:53	18:28 18:30	
20080921	05:21 05:49	15:30 02:00	02:30	12:23			18:55	02:07	17:53 21:08	17:58 21:08	02:35	05:08	18:53	20:42 20:53	18:52 18:48	
20080920	05:08	15:30 02:00	02:30		22:05	18:17	21:45	02:49	02:48	02:35	05:08		18:57	21:19 21:30	18:52 18:30	
20080919	16:50	15:30 02:00	02:30	03:34			20:37	02:28 02:46	02:31 02:49	05:10	05:49	05:50	20:58	20:58 21:30	18:52 18:53	
20080918		15:30 02:00	02:30	08:19	03:45 02:30	02:41	22:36	02:28 02:50	02:28 02:50	05:07			18:58	20:48 20:53	18:51 18:50	
20080917		15:30 02:00	02:30	08:41	03:30		21:59	02:04	02:01 02:34	02:28 02:30	02:30	02:24	18:58	21:13 21:30	18:50 18:50	
20080916		15:30 02:00	02:30	08:45			18:31	17:22 02:26	16:45 22:14	16:44 22:13	02:53	05:01	20:44	20:54	21:22 21:30	18:25 18:15
20080915		15:30 02:00	02:30	17:30	21:38		22:30	02:20 02:38	02:38 02:50				20:53	21:17 21:30	16:58 16:58	



SAMPLE RESEARCH PRODUCTS



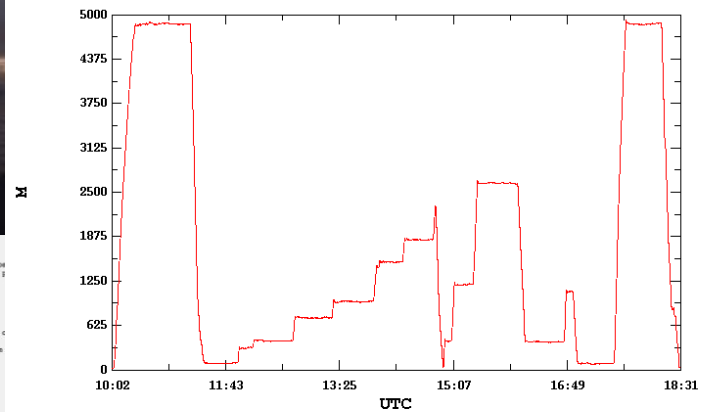
100830-094000

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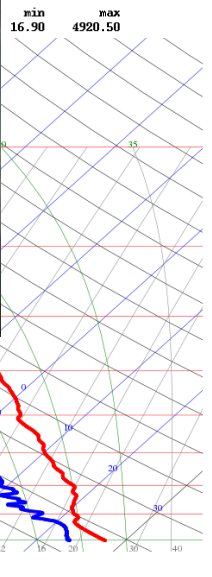
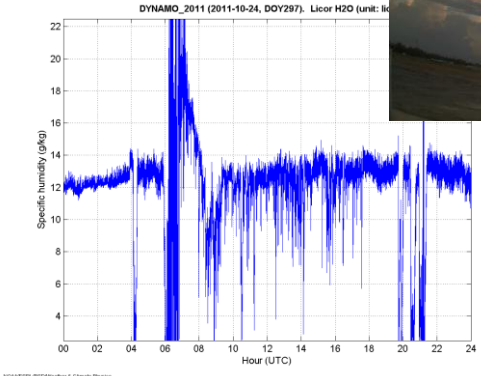
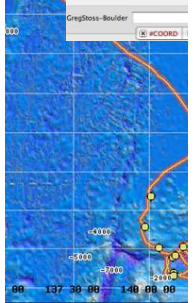
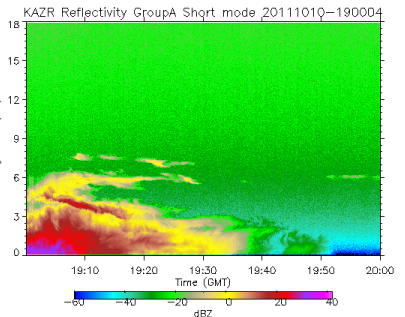
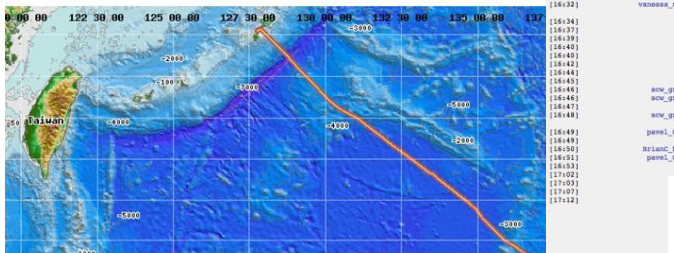
joshua_giffin has quit (Quit: leaving)
vidal (c7b0e21f4d1e21eb11111111111111111) has joined #OV
dutton_boulder: Thanks, Tom had we will not see you in CC this time.
pavel-QV do you know... if there are airports 200-400km N of Australia suitable for close
Problem is that the route from Wellington to Boniara goes over land, not ocean, as you y
white app.
MarkRadford-Boulder (mark@p21.uow.edu) has joined #OV
Fred-QV oh well... you may see Brian Vard.
ade has quit (Input/output error)
anwar has quit (Quit: leaving)
MarkRadford-Boulder has quit (Quit: Aloha)
ov_gnd, doing missed approaches over sea is not feasible. We planned to come back out o
and resume dips, then climb as necessary for fuel.
ov_gnd, Ann wants to know time for every climb approach in every airport. I can't seem
to them even with one in WOLL, let alone more.
Jonathan_M has quit (Ping timeout)
Jonathan_M (Jonathan@7.114.124.202.static.snop.net.nz) has joined #OV
MarkRadfo (c7b0e21f4d1e21eb11111111111111111) has joined #OV
vanessa_nz, ETA in Leader is 0234 UTC.
pavel_QV, and CMC?
vidal:
pavel_QV:
+30 min roughly
Jonathan_M has quit (Ping timeout)
vanessa_nz, did you copy ETA?
Jonathan_M (Jonathan@7.114.124.202.static.snop.net.nz) has joined #OV
he-becker (8c7f21f4d1e21eb111111111111111111) has joined #OV
MarkRadford-Boulder (mark@p21.uow.edu) has joined #OV
vidal:
pavel_QV just talked to Vanessa
pavel_QV yes, got her leader ETA thanks.
MarkRadfo has quit (Quit: http://www.mibbit.com ajax IRC Client)
ov_gnd Haves, can you confirm you sent an ocean sonde launched after the plane has gone
if the wind speed is not too high (was predicted to be strong, but currently calm)
Jonathan_M has quit (Ping timeout)
Jonathan_M (Jonathan@7.114.124.202.static.snop.net.nz) has joined #OV
chilimogery-QV has quit (Quit: leaving)
MarkRadfo (8c7f21f4d1e21eb111111111111111111) has joined #OV
vidal: (c7b0e21f4d1e21eb11111111111111111) has left #OV
MarkRadfo has quit (Quit: leaving)
Jonathan_M has quit (Ping timeout)
civ-mobile (c7b0e21f4d1e21eb11111111111111111) has joined #OV
ov_gnd now is sky cover at present?
civ-mobile has quit (Quit: Biology for iPhone - http://biology.mobi)
pavel-QV re Wellington, if we cannot do a nice dip over Wellington, we should not go the
should assess if we lose dips to Boniara, if so how many. Could decide not to dip there
ov_gnd are you contemplating not going to Wellington at all?
pavel_QV has quit (Quit: http://www.mibbit.com ajax IRC Client)
ov_gnd are you contemplating not going for last half hour
Brian_M, steeve dropped off and did not see your msg.
Jonathan_M (8c7f21f4d1e21eb111111111111111111) has joined #OV
he-becker has quit (Quit: http://www.mibbit.com ajax IRC Client)

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RICO, Flight #rf18
01/23/2005, 10:02:04-18:31:00



NRL P-3 RF18 Flight Track
Start of Mission: 2008/09/23 ~0000 UTC
End of Mission: 2008/09/23 ~0800 UTC



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?
- 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?



