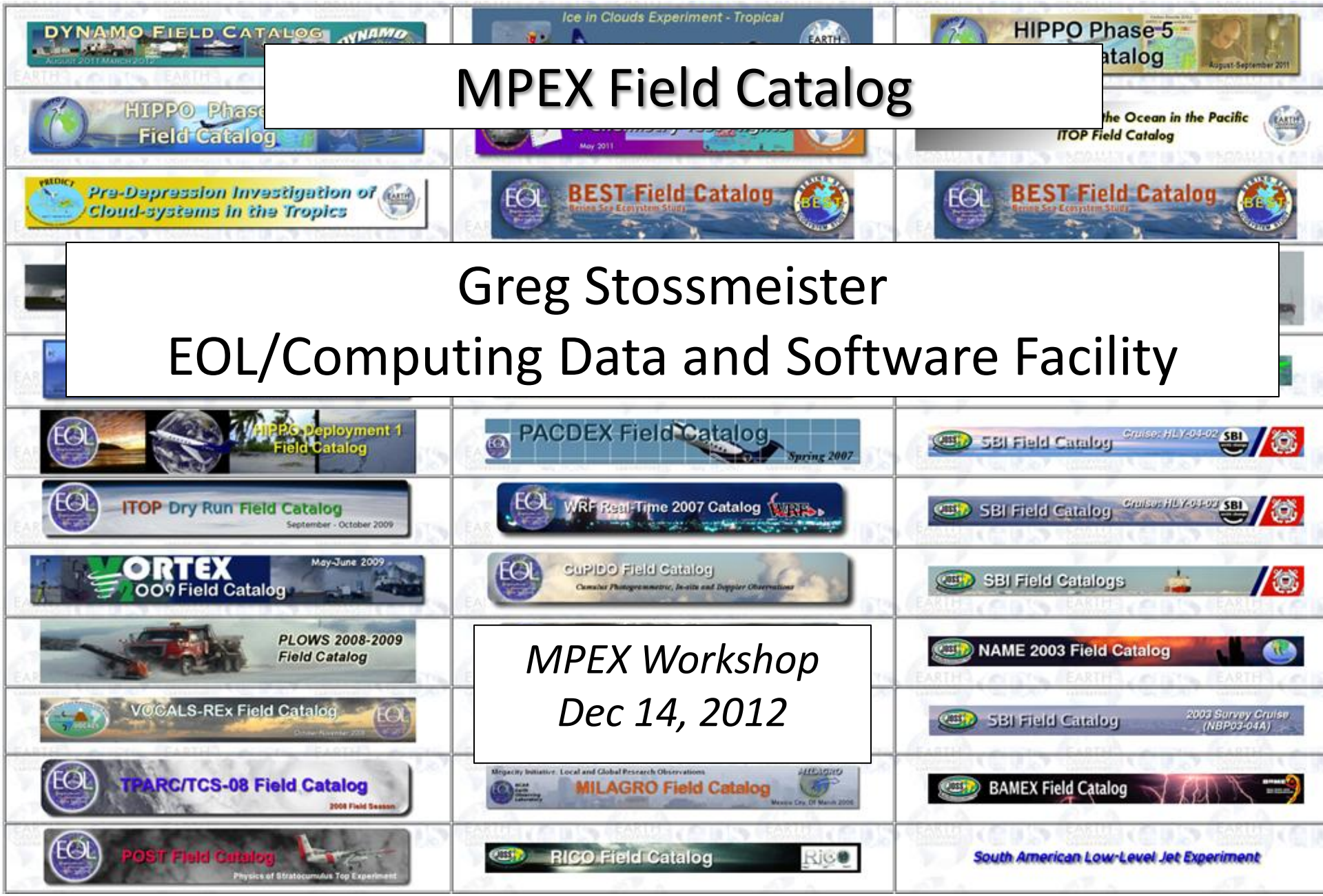


MPEX Field Catalog

Greg Stossmeister
EOL/Computing Data and Software Facility

MPEX Workshop
Dec 14, 2012

NCAR Earth Observing Laboratory

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

DC3 Field Catalog

May-June 2012

Deep Convective Clouds & Chemistry Experiment

UTC: Tues, Aug 14, 22:13 Z	Salina, KS: Tues, Aug 14, 5:13 PM
Boulder, CO: Tues, Aug 14, 4:13 PM	Huntsville, AL: Tues, Aug 14, 5:13 PM

Current Reports:

Operations Plan of the Day

Facilities Status

Weather Discussion

Tools:

Mobile Interface

NEXRAD Interactive Cross X-section

Multi Panel Display

GIS Tools:

Catalog Map (Mobile/Linux)

Catalog Earth Tool (Replay) *(Windows and Mac OSX)*

Way Point Calculator

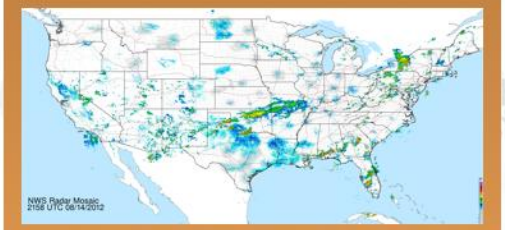
Chatrooms:

IRC Chat instant access

Help Documentation

need password? : gstoss at ucar.edu

Latest National Radar Mosaic



Current Imagery

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

Saturday June 30 SCHEDULE: (All Times Central Daylight)

07:00-10:00 GV Preflight Activities
08:45 Weather Briefing (informal)
10:00-16:00 GV Calibration Flight

Sunday July 1 SCHEDULE:
07:00 RAF group starts packing.

Monday July 2 SCHEDULE:
11:00 GV leaves Salina for Colorado

General Information:

DC3 web site

Ops Director Phone: 303-800-5454

Operations Status Message: 303-800-6254

Teleconference Access Number:

1-866-740-1260 (US toll free)
www.readytalk.com
Access Code: **4978380**

Research Domains:

Alabama region

Colorado region

Oklahoma-Texas region

Comments

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: Derek 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 retrograting eastward, therfore 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. Therafter the GFD models make Rita
a major hurricane in the Gulf. Due to the rapid development of
Rita, this forecast is a above the guidance in the short term
and follows the SHIPS and GFDL model in the lon term.

Rita is now moving NW near 8 mph, this motion is expected
through 12-24 hours followed by a westward and poissible 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 imageyr is showing signs of
some further intensification. The track has remained due west.
Last ngiht's NW motion was likely center reformations closer to

TPARC_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 intial 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

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

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

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

#GV (28) | #TORERO (22) | 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 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'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, unfortunatley, 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 cals 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

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Menu

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

Available Operational Products for 2010/05/28 UTC

Previous Date(UTC) Choose 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 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 1615 1632 1645	1702 1715 1732 1745	1815 1832 1845	1902 1915 1932 1945	2002 2015 2032 2045	2115 2132 2145	2202 2215 2232 2245	2302 2315 2332 2345

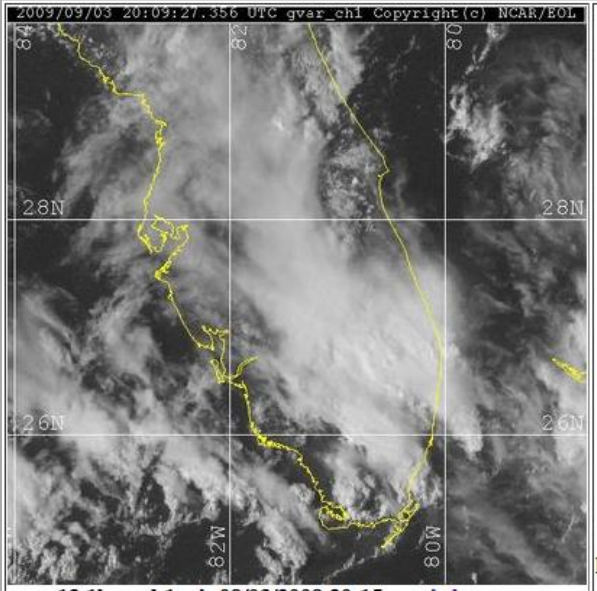
Upper Air Products

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

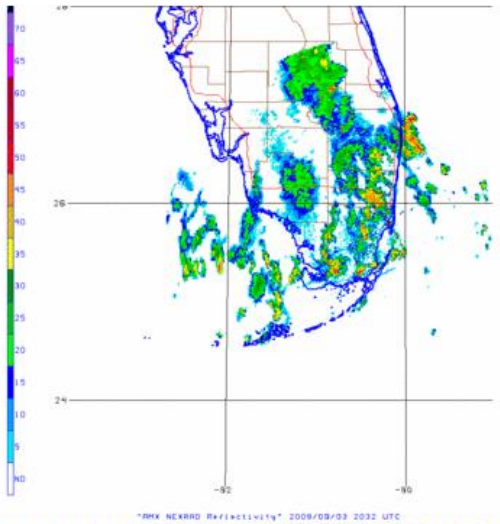
ADELE_SPRITE 4 panel display

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

Products Form

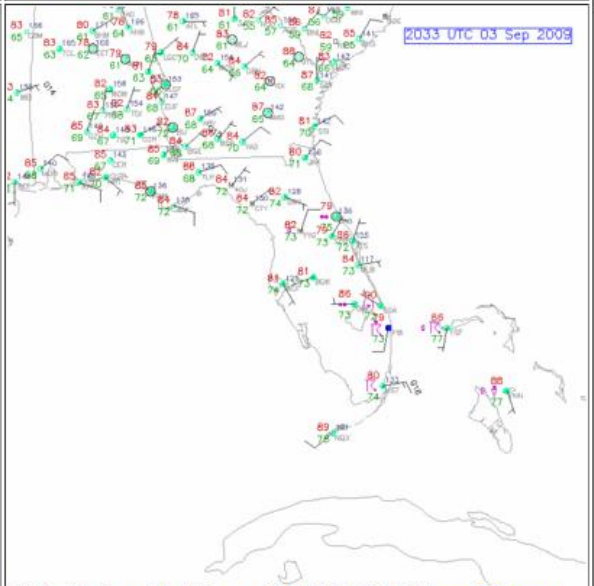


goes-12 1km_ch1_vis 09/03/2009 20:15 movie loop



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	30min_Precipitation	retrieve product
TMI	3_day_avg_atmos_water_vapor	retrieve product
ASCAT	DYNAMO_NE_winds_ascending	retrieve product
AMSRE	3_day_avg_atmos_water_vapor	retrieve product
NOAA_POES	SST	retrieve product
CSU_SSTWIND	wind_over_sst	retrieve product
IMD_Kalpana-1	Cloud_Motion_Vectors	retrieve product
METEOSAT7	ch10_water_vapor	retrieve product
CSU_IRWIND	wind_over_ir	retrieve product
AVISO	merged_absolute_dynamic_topography	retrieve product
CIMSS_MIMIC	TPW	retrieve product
CPC_CMORPH	Daily_Precipitation	retrieve product
METEOSAT7_AMV	850_mb_vorticity	retrieve product
UM_CLOUD_TRACKING	IR_cluster_image	retrieve product

Upper Air Products

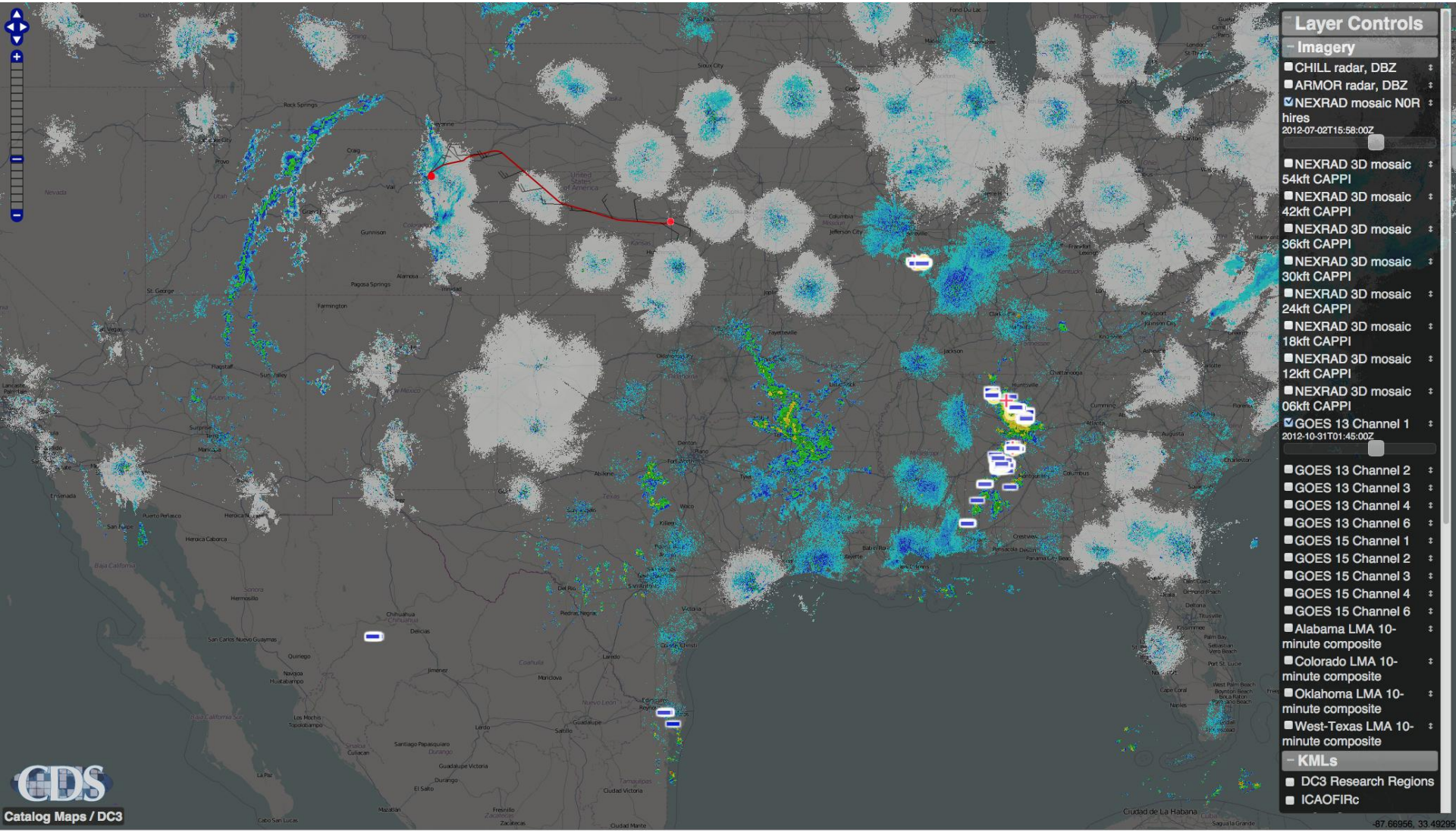
Marsupial Guidance Forecast Products

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	0000hr																													
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																														

GIS Tools


Layer Controls
Imagery
CHILL radar, DBZ
ARMOR radar, DBZ
NEXRAD mosaic N0R hires
2012-07-02T15:58:00Z
NEXRAD 3D mosaic 54kft CAPPI
NEXRAD 3D mosaic 42kft CAPPI
NEXRAD 3D mosaic 36kft CAPPI
NEXRAD 3D mosaic 30kft CAPPI
NEXRAD 3D mosaic 24kft CAPPI
NEXRAD 3D mosaic 18kft CAPPI
NEXRAD 3D mosaic 12kft CAPPI
NEXRAD 3D mosaic 06kft CAPPI
GOES 13 Channel 1
2012-10-31T01:45:00Z
GOES 13 Channel 2
GOES 13 Channel 3
GOES 13 Channel 4
GOES 13 Channel 6
GOES 15 Channel 1
GOES 15 Channel 2
GOES 15 Channel 3
GOES 15 Channel 4
GOES 15 Channel 6
Alabama LMA 10-minute composite
Colorado LMA 10-minute composite
Oklahoma LMA 10-minute composite
West-Texas LMA 10-minute composite
KMLs
DC3 Research Regions
ICAOFIRc
Catalog Maps / DC3
-87.66956, 33.49295

The Field Catalog is a Post Analysis Tool . . .

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 noiser as flight went on.

Preliminary Data Repository for DC3

To use the DC3 preliminary Data Repository for DC3:
ftp catalog.eol.ucar.edu
This is not an anonymous ftp area, you must login with the correct username and passwd.
If you're not sure about what these are, contact the catalog support person on site or email gstoss at ucar dot com.

You may also access this site via a web browser at: ftp://dc3@catalog.eol.ucar.edu

To upload files to the repository:

If you are on-site in Salina and your files are large - See the catalog person at the Ops Center for instructions on how to upload your files to the local storage system in Salina.

Otherwise:

1.) ftp catalog.eol.ucar.edu
2.) login with username and password
3.) navigate to appropriate directory:
there are subdirectory by instrument category: aircraft, radar, sounding, lma
you may create new subdirectories if more organization is needed
4.) change to binary mode:
binary
5.) put the file:
put [your_file]
6.) quit FTP session:
quit

When uploading files to the repository, please follow the naming convention described below. This will help everyone know what data is contained in which files.

Data Products File Naming Convention

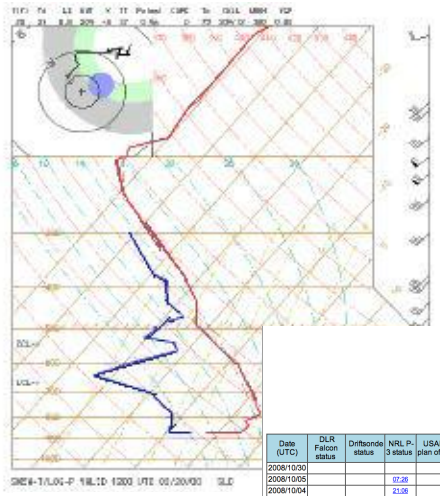
In the case of products accessed by the 'Data Access' button: data.platform.date.product.extension where

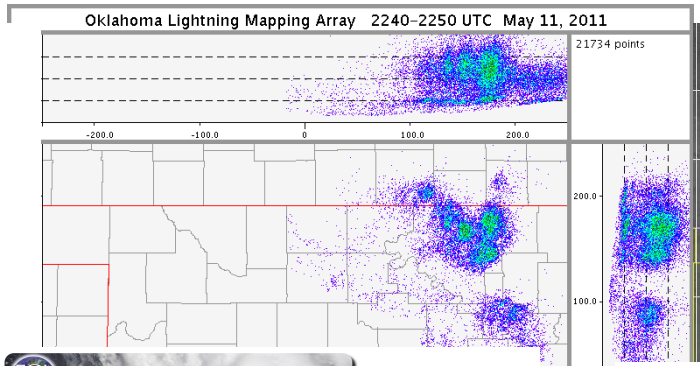
category = 'data'
platform = platform name
date (YYYYMMDDhhmm) where YYYY=4 digit year, MM=2 digit month(00-12), DD=2 digit day(00-31), hh=2 digit hour (00-23) and mm=2 digit minute(00-59). All dates are in UTC. Every file must have this block.
product = product name
extension = file extension (ie: .txt, .nc)

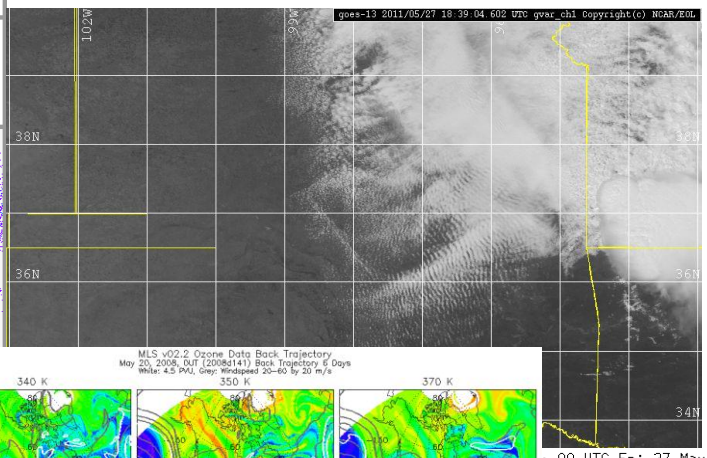
example filename: data.NCAR-GV.201105022200.flight_data.nc

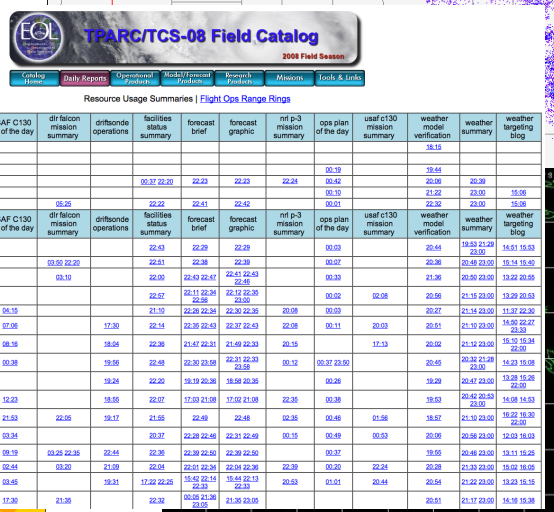
NCAR Earth Observing Laboratory

FIELD CATALOG SAMPLE PRODUCTS



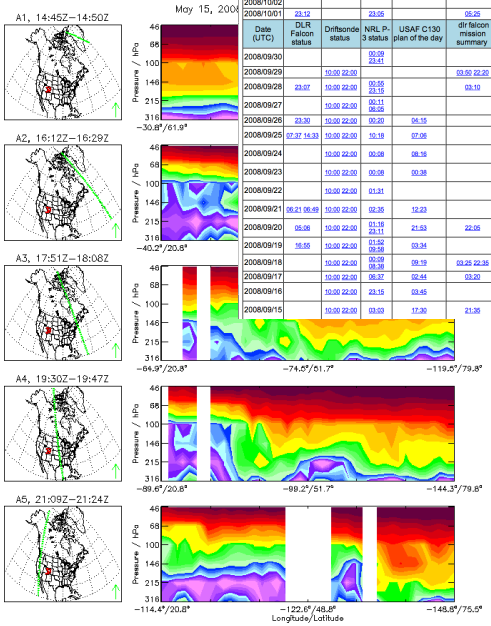


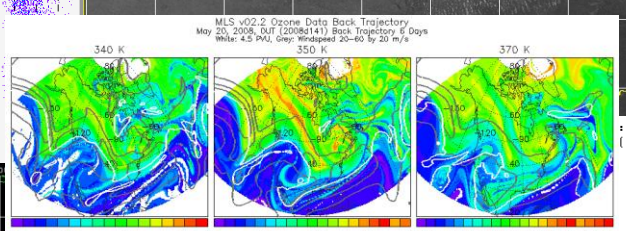


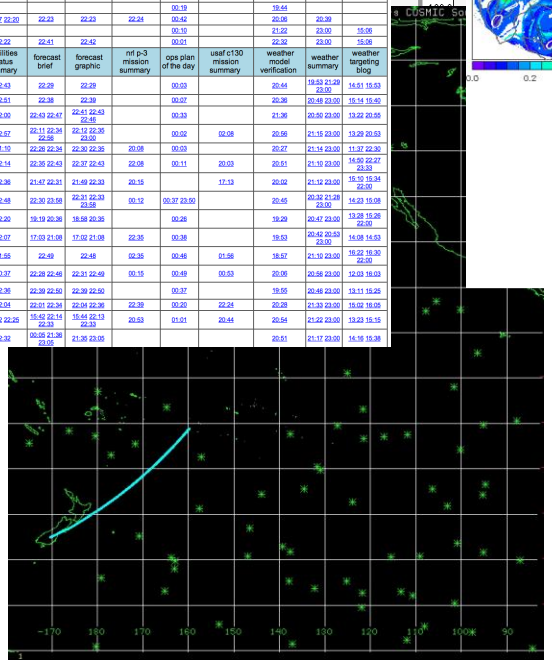


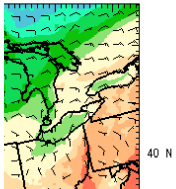
Date (UTC)	DLR Falcon status	Driftsonde status	NRL P-3 status	USAF C130 plan of the day	dlr falcon mission summary	driftsonde operations	facilities status summary	forecast brief	forecast graphic	nrl p-3 mission summary	ops plan of the day	usaf c130 mission summary	weather model verification	weather summary	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

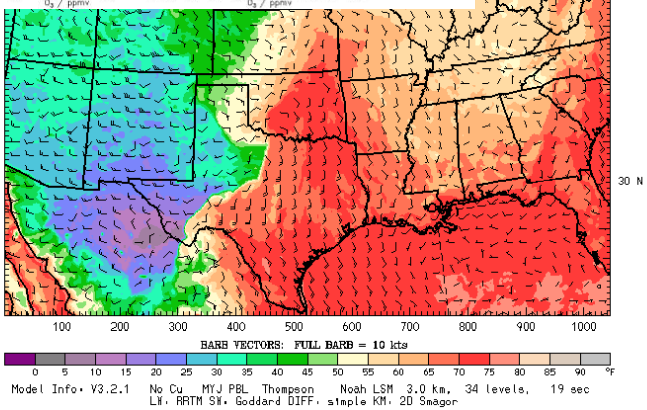
Date (UTC)	DLR Falcon status	Driftsonde status	NRL P-3 status	USAF C130 plan of the day	dlr falcon mission summary	driftsonde operations	facilities status summary	forecast brief	forecast graphic	nrl p-3 mission summary	ops plan of the day	usaf c130 mission summary	weather model verification	weather summary	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 23:16		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				22:07	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	14:00 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 19:30 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	21:36		22:32	00:05 21:36 23:05	21:36 23:05				20:51	21:17 23:00	14:16 15:38











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?