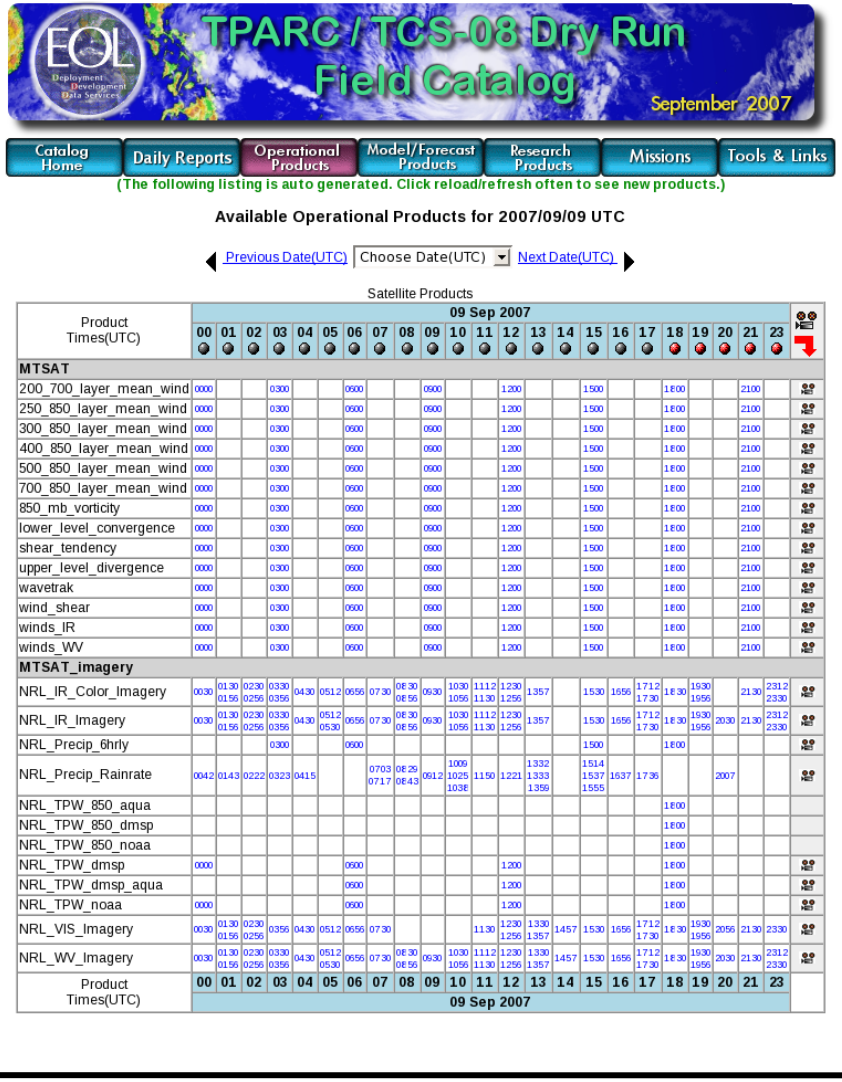
NCAR Earth Observing Laboratory

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
- Authoring Tools
- Web-based access



Pre-Depression Investigation of Cloud-systems in the Tropics

Boulder, Colo: Tues, Mar 1, 7:05 PM UTC: Wed, Mar 2, 1:05 Z St Croix, USVI: Tues, Mar 1, 9:05 PM

Current Reports/Links:

Operations Plan of the Day

GV Status

Weather Discussion

GV flight plan

Resource Usage

X-Chat instant access

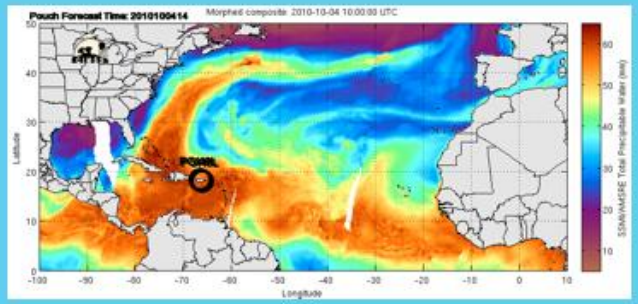
Help Documentation

need passwd? : gstoss at ucar.edu

Mission Coordinator Display

PREDICT flight operations concluded on 30 September 2010

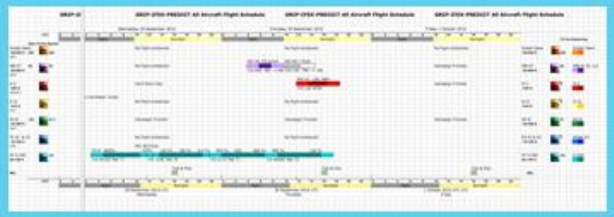
Latest Atlantic Basin



Additional Imagery:

Latest 4 hours G-13/M-9 Visible
Latest 4 hours G-13/M-9 IR

Upcoming Aircraft Schedule



General Information:

PREDICT Web Site

NHC Aircraft Reconnaissance Plan of the Day

NOAA/HRD Updates

NASA GRIP at JPL site

CIMSS PREDICT Page

NPS Wave-Pouch Page

PREDICT 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: 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 night'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

[15:42]	*	Now talking on #GV
[15:50]	Fred-GV	dutton_boulder, Hi Geoff, If Eric Hintsa is around could you tell him that my briefcase was stuck on the GV so I did not get a chance to get him the data in Rawatonga. He will get both flights tonight.
[15:53]	dutton_boulder	Fred-GV, will do.
[15:54]	*	jcowan_Jeffco has quit (Quit: Leaving)
[15:54]	*	vidal (c7beb621@widget.mibbit.com) has joined #GV
[15:54]	Fred-GV	dutton_boulder, Thanks, Too bad we will not see you in CC this time.
[15:54]	scw_gnd	pavel-GV Do you know... if there are airports 200-400km N of Australia suitable for close approaches? Problem is that the route from Wollongong to Honiara goes over land, not ocean, as you pointed out a while ago. .
[15:59]	*	MarkBradford-Boulder (mark@vpn21.ucar.edu) has joined #GV
[16:00]	dutton_boulder	Fred-GV, oh well, you may see Brian Vasel
[16:07]	*	ads has quit (Input/output error)
[16:09]	*	annav has quit (Quit: Leaving)
[16:09]	*	MarkBradford-Boulder has quit (Quit: Aloha)
[16:11]	pavel_GV	scw_gnd, doing missed approaches over Aus is not feasible. We planned to come back out over the ocean and resume dips, then climb as nesessary for fuel.
[16:12]	pavel_GV	scw_gnd, Aus wants to know time for every close approach in every airport. I can't seem to get through to them even with one in Woll., let alone more.
[16:13]	*	JonathanBent_NZ has quit (Ping timeout)
[16:13]	*	JonathanBent_NZ (Jonathan@67.114.124.202.static.snap.net.nz) has joined #GV
[16:19]	*	MarkZondlo (c7beb6fa@widget.mibbit.com) has joined #GV
[16:19]	pavel_GV	vanessa_nz, ETA in Lauder is 0254 UTC.
[16:23]	vidal	pavel_GV: and CHC?
[16:23]	vidal	:)
[16:24]	pavel_GV	+30 min roughly
[16:24]	*	JonathanBent_NZ has quit (Ping timeout)
[16:24]	pavel_GV	vanessa_nz, did you copy ETA?
[16:25]	*	JonathanBent_NZ (Jonathan@67.114.124.202.static.snap.net.nz) has joined #GV
[16:26]	*	bx-boston (8cf7f5f4@widget.mibbit.com) has joined #GV
[16:29]	*	MarkBradford-Boulder (mark@totoro.eol.ucar.edu) has joined #GV
[16:30]	vidal	pavel_GV: just talked to Vanessa
[16:31]	vanessa_nz	pavel_GV yes, got new Lauder ETA thanks.
[16:31]	*	MarkZondlo has quit (Quit: http://www.mibbit.com ajax IRC Client)
[16:32]	vanessa_nz	scw_gnd Steve, can you confirm you want an ozone sonde launched after the plane has gone through Lauder if the wind speed is not too high (was predicted to be strong, but currently calm)
[16:34]	*	JonathanBent_NZ has quit (Ping timeout)
[16:37]	*	JonathanBent_NZ (Jonathan@67.114.124.202.static.snap.net.nz) has joined #GV
[16:39]	*	JulieHaggerty-RAF has quit (Quit: Leaving)
[16:40]	*	MarkZondlo (Mark@166.203.191.237) has joined #GV
[16:40]	*	vidal (c7beb621@widget.mibbit.com) has left #GV
[16:42]	*	MarkZondlo has quit (Quit: Leaving)
[16:44]	*	JonathanBent_NZ has quit (Ping timeout)
[16:45]	*	cjw-mobile (cjw-mobile@166.205.131.76) has joined #GV
[16:46]	scw_gnd	vanessa_nz yes sonde, but only after we have departed, thx!
[16:46]	scw_gnd	How is sky cover at present?
[16:47]	*	cjw-mobile has quit (Quit: Colloquy for iPhone - http://colloquy.mobi)
[16:48]	scw_gnd	pavel-GV re Wollongong, if we cannot do a nice dip over Wollongong, we should not go there. Also, we should assess if we lose dips to Honiara, if so how many. Could decide not to dip there.
[16:49]	pavel_GV	scw_gnd, are you contemplating not going to Wollongong at all?
[16:49]	*	scw_gnd has quit (Quit: http://www.mibbit.com ajax IRC Client)
[16:50]	BrianC_NZ	scw_gnd sun visible through thin cloud for last half hour
[16:51]	pavel_GV	BrianC_NZ, steve dropped off and did not see your msg.
[16:53]	*	jcowan_Home (John@174-16-74-200.hlrn.qwest.net) has joined #GV
[17:02]	*	bx-boston has quit (Quit: http://www.mibbit.com ajax IRC Client)
[17:03]	*	TomAtHome (Tom@c-67-176-77-93.hsd1.co.comcast.net) has joined #GV
[17:07]	*	dutton_boulder has quit (Quit: http://www.mibbit.com ajax IRC Client)
[17:12]	*	elkins_mobile (elkins_mob@166.205.130.142) has joined #GV

0 ops, 22 total

- Atlas
- Beaton-RAF
- BrianC_NZ
- Britt-GV
- Bruce-GV
- campos-Peoria
- elkins_mobile
- eray-bldr
- Fred-GV
- GregStoss-Boulder
- groundbot
- gvbot
- jcowan_Home
- MarkBradford-
- nick-potts-FL1
- pavel_GV
- RDCC_bot
- rogerh
- roisin_boston
- TomAtHome
- TomBaltzer-RAF
- vanessa_nz

GregStoss-Boulder

#COORD | #MESO | #MGAUS | #MICRO | #PHOTO | #RADSTRM | #RADTORN | #STICK | #UAS | #GV | #C130Q | #NRLP3 | #HIPPO

Chat by Mibbit.com | #COORD (4) | #MESO (4) | #MGAUS (4) | #MICRO (4) | #PHOTO (4) | #RADSTRM (4) | #RADTORN (4) | #STICK (4) | #UAS (4)

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hide 4 users

GregStoss-EOL
gstoss_
RDCC_bot
groundbot

14:10 *** GregStoss-EOL joined #COORD
14:25 gstoss_ **GregStoss-EOL**, How's it going? Seen any tornadoes?
14:25 GregStoss-EOL gstoss_: You know perfectly well I haven't.
14:26 gstoss_ **GregStoss-EOL**, Do you enjoy talking to yourself?
14:26 GregStoss-EOL gstoss_: Actually no.

Smilies | Colours | Translation | PasteBin | Upload file | Minify URL

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

Available Operational Products for 2005/08/18 UTC

Previous Date(UTC) | Choose Date(UTC) | Next Date(UTC)

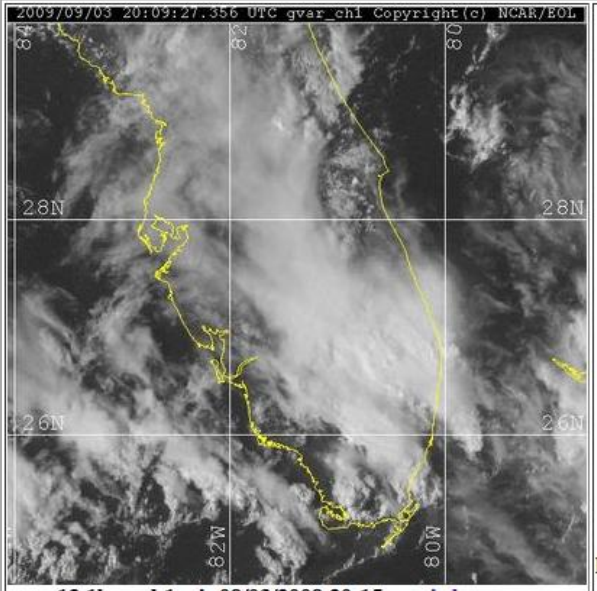
Satellite Products

Product Times(UTC)	18 Aug 2005																								
	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 (CIMSS Derived Product Imagery; NESDIS Derived Product Imagery)																									
winds_IR			0245			0545			0845			1145			1445			1745			2045			2345	
winds_VIS												1145			1445			1745			2045				
winds_WV			0245			0545			0845			1145			1445			1745			2045			2345	
Hovmoller																									
Africa_met-7	0000												1200												
Gulf_goes-12	0000												1200												
Subtropics_goes-12	0000												1200												
Tropics_goes-12	0000												1200												
NRL_Tropics																									
Stitched_Atlantic_IR	0000			0300			0600			0900			1200			1500			1800			2100			
Stitched_Atlantic_Vis	0000			0300			0600			0900			1200			1500			1800			2100			
Stitched_Atlantic_WV	0000			0300			0600			0900			1200			1500			1800			2100			
Stitched_Global_IR	0000			0300			0600			0900			1200			1500			1800			2100			
Stitched_Global_Vis	0000			0300			0600			0900			1200			1500			1800			2100			
Stitched_Global_WV	0000			0300			0600			0900			1200			1500						2100			
TMI_37GHz_Color		0122	0259		0436			0753																	
TMI_37GHz_H		0122	0259		0436			0753																	
TMI_37GHz_V		0122	0259		0436			0753																	
TMI_85GHz_H		0122	0259		0436			0753																	
TMI_85GHz_V		0122	0259		0436			0753																	
TMI_Color		0122	0259		0436			0753																	
TMI_IR		0122	0259		0436			0753																	
TMI_Multi-sens		0122	0259		0436			0753																	
TMI_PCT		0122	0259		0436			0753																	
TMI_Rain		0122	0259		0436			0753																	
TMI_Wind		0122	0259		0436			0753																	
goes-12 (NESDIS GOES Soundings)																									
7km_ch1_vis										0915 0945	1015 1045	1115 1145	1215 1245	1315 1345	1415 1445	1515 1545	1615 1645	1715 1745	1815 1845	1915 1945	2015 2045	2115 2145	2215 2245	2315 2345	
7km_ch3_water_vapor	0015 0045	0115 0145	0215	0315 0345	0415		0615 0645	0715 0745	0815 0845	0915 0945	1015 1045	1115	1215 1245	1315 1345	1415 1445	1515 1545	1615 1645	1715 1745	1815 1845	1915 1945	2015 2045	2115 2145	2215 2245	2315 2345	
7km_ch4_thermal-IR	0015 0045	0115 0145	0215	0315 0345	0415		0615 0645	0715 0745	0815	0915 0945	1015 1045	1115	1215 1245	1315 1345	1415	1515 1545	1615 1645	1715	1815 1845	1915 1945	2015	2115 2145	2215 2245	2315 2345	
floater_ch1_vis										0915 0945	1015 1045	1115 1145	1215 1245	1315 1345	1415 1445	1515 1545	1615 1645	1715 1745	1815 1845	1915 1945	2015 2045	2115 2145	2215 2245	2315 2345	

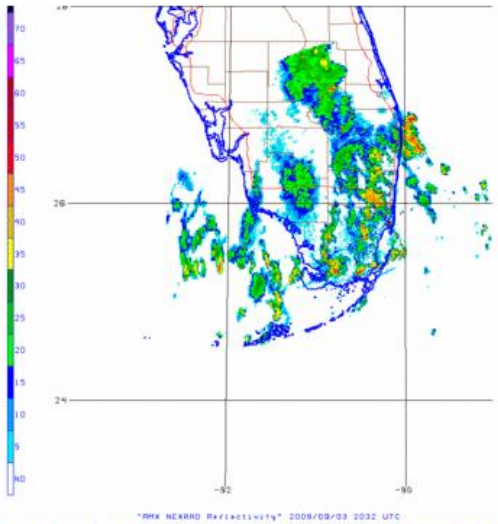
ADELE_SPRITE 4 panel display

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

Products Form

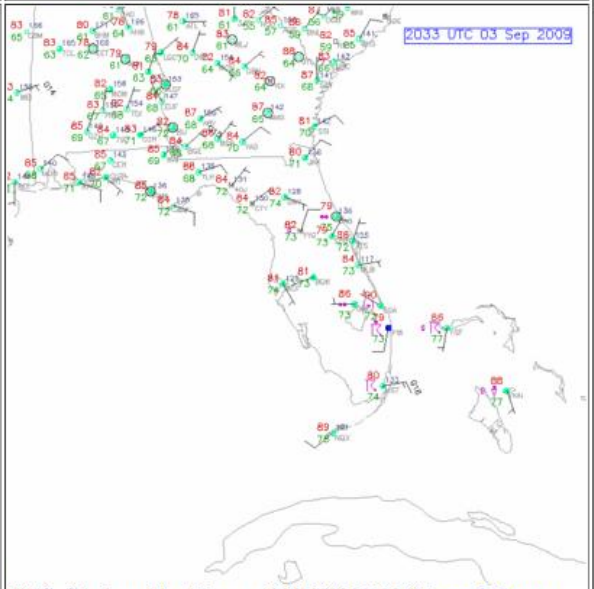


goes-12 1km_ch1_vis 09/03/2009 20:15 movie loop



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

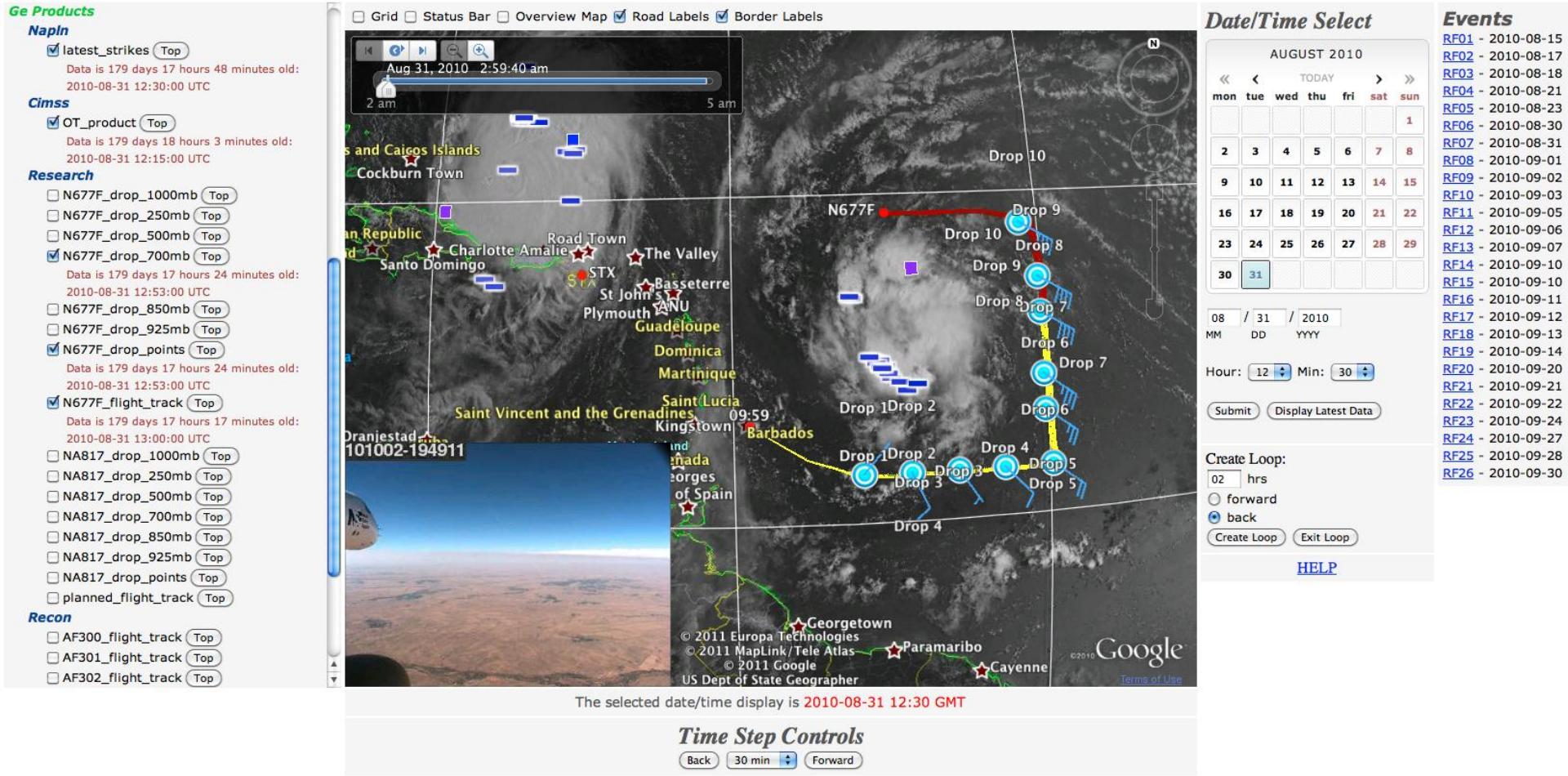
Marsupial Guidance Forecast Products

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																														

Google Earth API



The Field Catalog is a Post Analysis Tool . . .

RAINEX Missions Table

Storm Name	Dates	Location	Catalog Products	Facilities	Science Director Summaries
Test Flight #1	Aug 17	Gulf of Mexico Central Florida	Operational Model Research	NRL N43	Summary
Test Flight #2	Aug 22	Gulf of Mexico	Operational Model Research	NRL N43	Summary
Test Flight #3	Aug 23	Gulf of Mexico	Operational Model Research	NRL N43	Summary
Katrina	Aug 25-29	Bahamas,S. Fla, SE-Central Gulf of Mexico Louisiana, Mississippi, Alabama	Operational Research Model	NRL N43	Summary - Day 1 Summary - Day 2 Summary - Day 3 Summary - Day 4 Summary - Day 5
Test Flight #4	Aug 30	Gulf of Mexico	Operational Model Research	N42	Summary
Ophelia	Sept 6-10	Bahamas eastern Fla coast SE U.S.	Operational Research Model	NRL N43 N42	Summary - Day 1 Summary - Day 4 Summary - Day 6
Rita	Sept 19 - 24	Bahamas Florida Keys Gulf of Mexico Louisiana/Texas	Operational Research Model	N43 NRL N42	Summary - Day 1 Summary - Day 2 Summary - Day 3 Summary - Day 4 Summary - Day 5
Storm Name	**Date**	**Location**	**Catalog Products**	**Facilities**	**Notes**

Back to RAINEX Field Catalog

mments : meitin at ucar.edu

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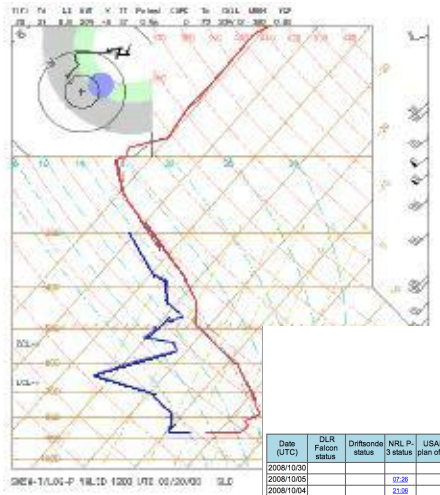
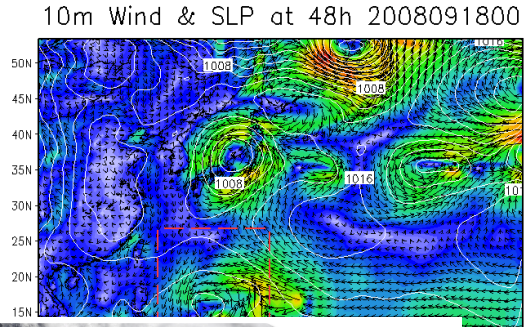
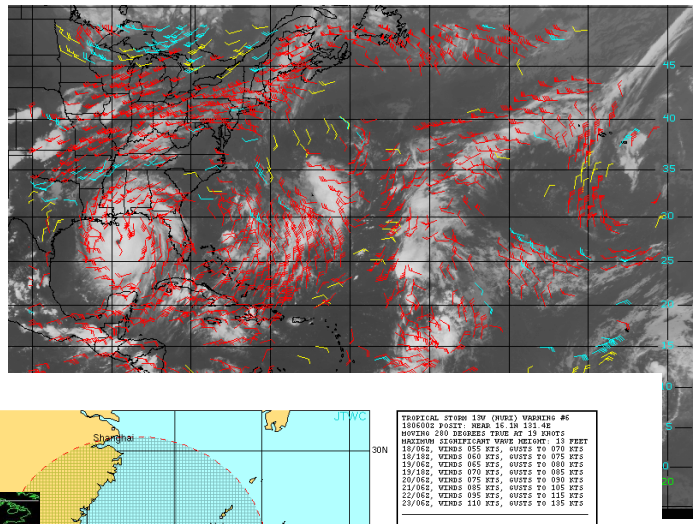
FIELD CATALOG SAMPLE PRODUCTS







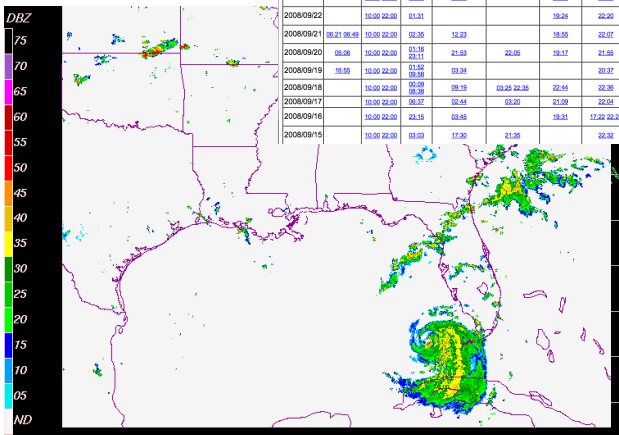
TPARC/TCS-08 Field Catalog
2008 Field Season

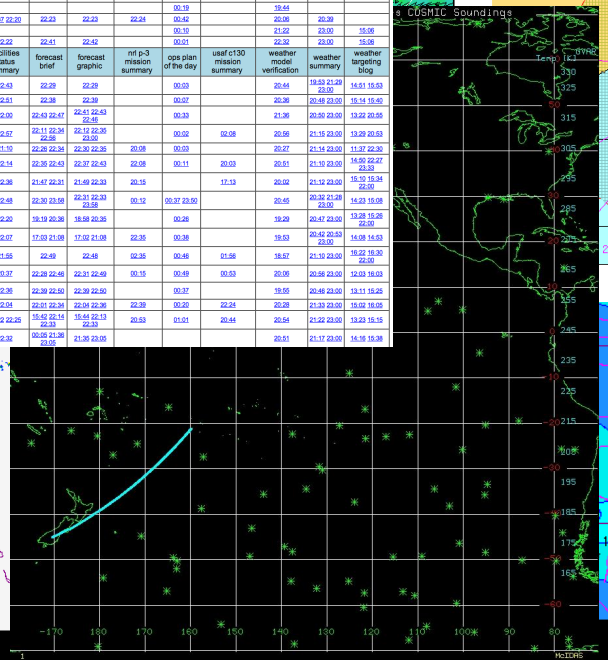
Catalog Home | Daily Reports | Operational Products | Model/Forecast Products | Research Products | Missions | Tools & Links

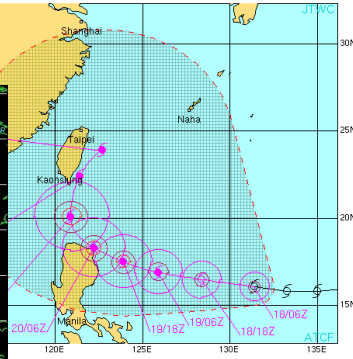
Resource Usage Summaries | Flight Ops Range Rings

Date (UTC)	DLR Falcon status	Driftsonde status	NRL P-3 status	USAF C130 plan of the day	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				22:07	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 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 08:36	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





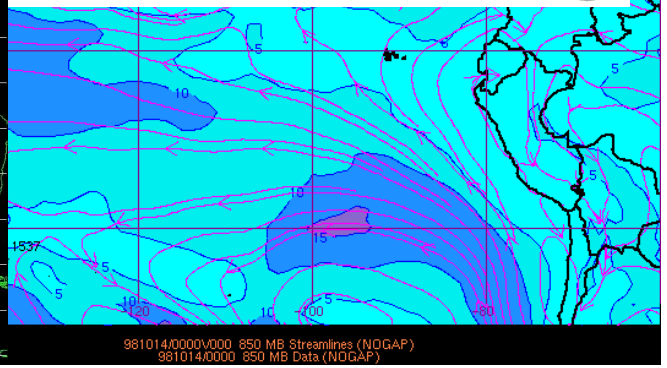


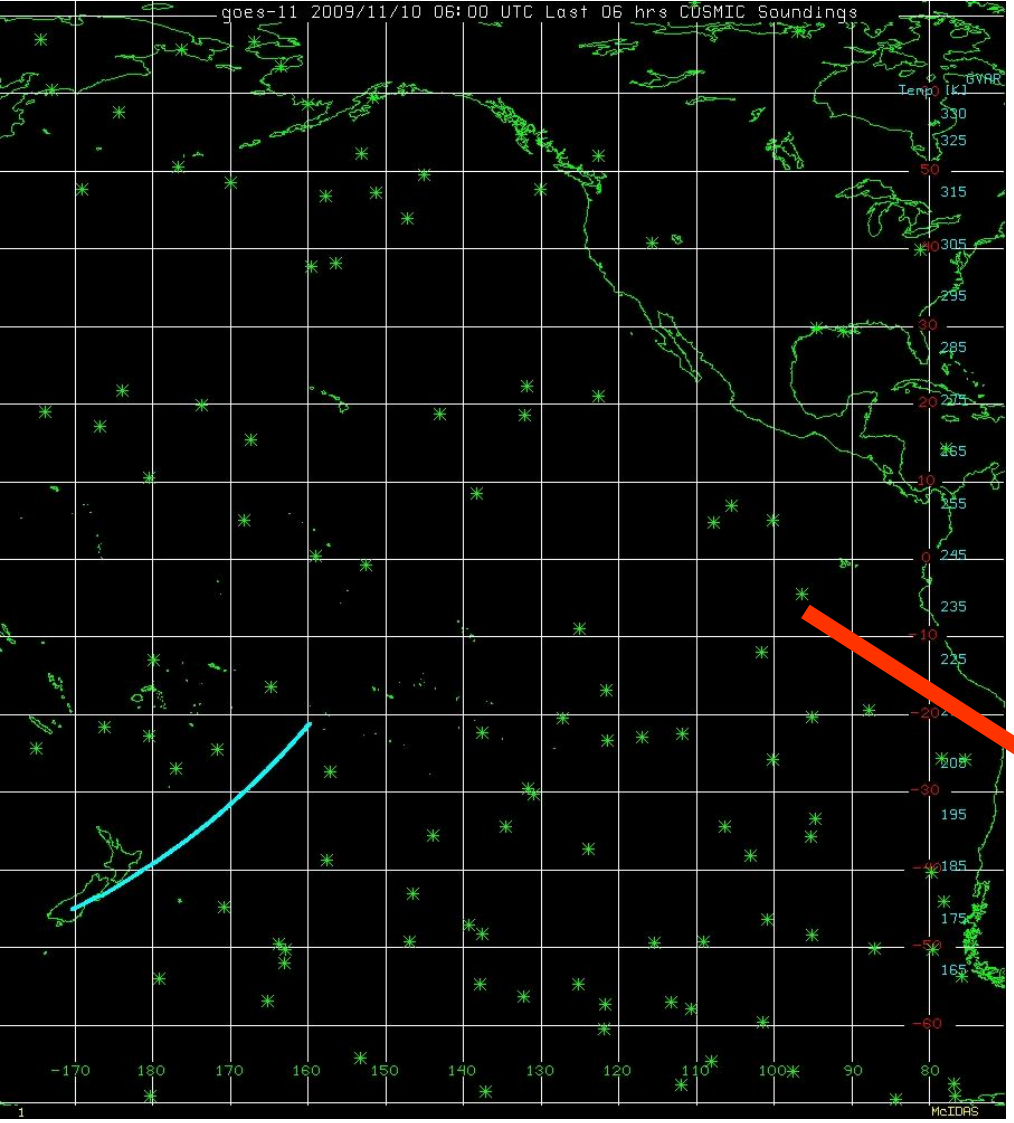
TROPICAL STORM 13W (HUKI) WARNING #6
1806002 POSIT: NEAR 16.1N 131.4E
MOVING 280 DEGREES TRUE AT 13 KNOTS
MAXIMUM SIGNIFICANT WAVE HEIGHT 13 FEET
18/06Z, WINDS 055 KTS, GUSTS TO 070 KTS
18/18Z, WINDS 060 KTS, GUSTS TO 075 KTS
19/06Z, WINDS 065 KTS, GUSTS TO 080 KTS
19/18Z, WINDS 070 KTS, GUSTS TO 085 KTS
20/06Z, WINDS 075 KTS, GUSTS TO 090 KTS
21/06Z, WINDS 085 KTS, GUSTS TO 105 KTS
22/06Z, WINDS 095 KTS, GUSTS TO 115 KTS
23/06Z, WINDS 110 KTS, GUSTS TO 135 KTS

CPA TO:	NM	DTG
HONG_KONG	384	25/18Z
MANILA	227	20/03Z
KADENA_AB	317	23/06Z
TAIPEI	96	23/04Z

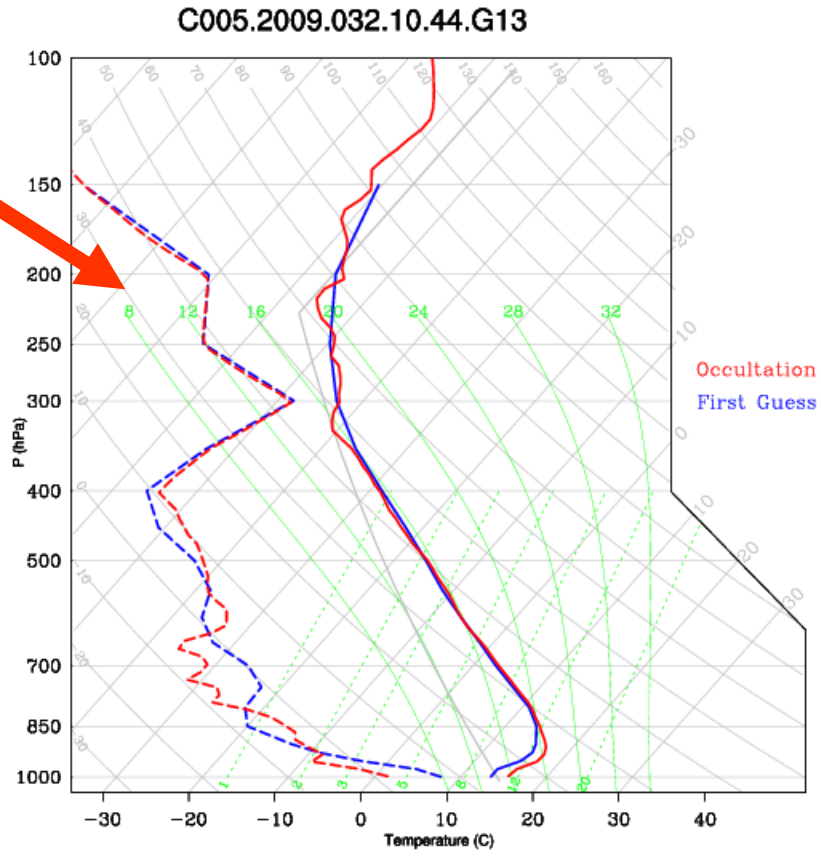
BEARING AND DISTANCE	DIR	DIST (NM)	TAU (HRS)
HONG_KONG	108	397	72
MANILA	53	315	24
	17	232	48
	353	330	72
TAIPEI	186	302	72

LESS THAN 34 KNOTS
34-63 KNOTS
MORE THAN 63 KNOTS
PAST 6 HOURLY CYCLONE POSITS IN BLACK
FORECAST CYCLONE POSITS IN COLOR





INTERACTIVE MAP FEATURE



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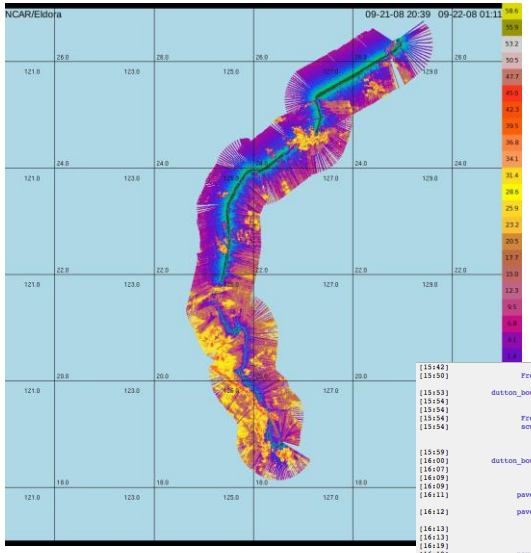
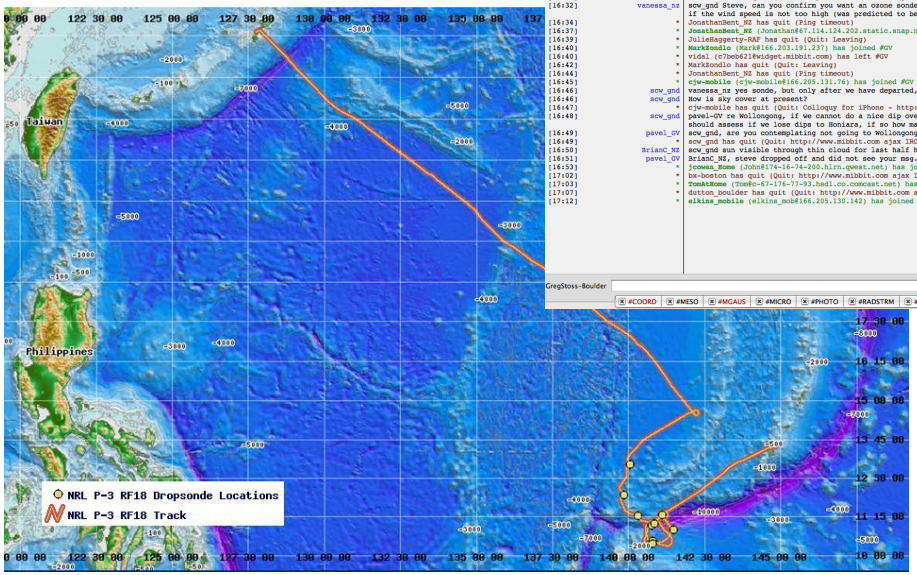
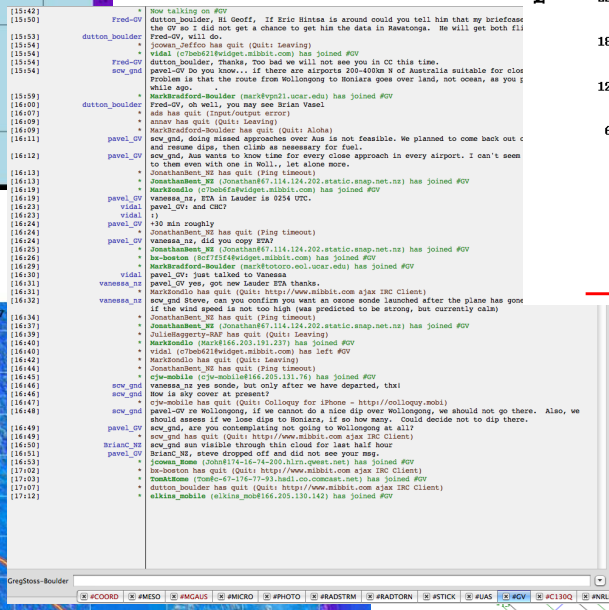
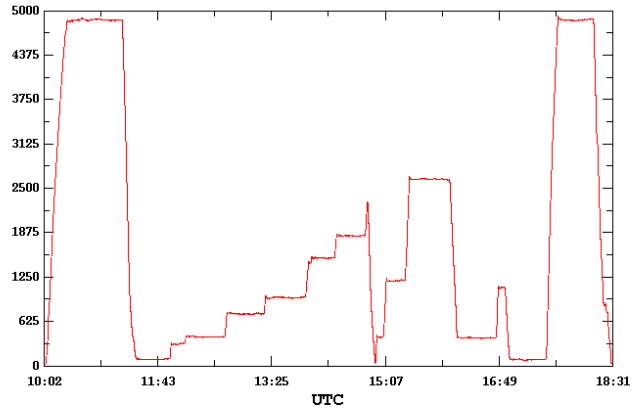
SAMPLE RESEARCH PRODUCTS

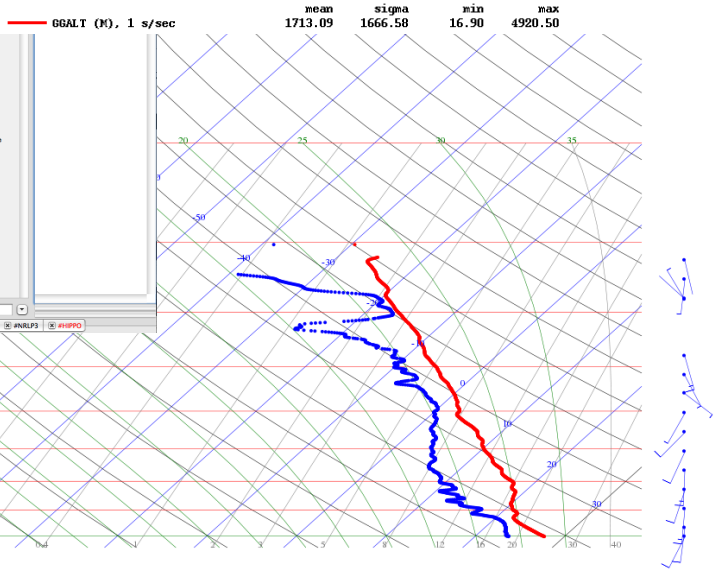


NRL P-3 RF18 Flight Track
Start of Mission: 2008/09/23 ~0000 UTC
End of Mission: 2008/09/23 ~0800 UTC









Rendered by EOL/SkewTSVG

Global Access
Products
Operational Data
ADDE, LDM, other
FTP
WWW
Products from
Operational websites
Harvesting
Scripts
N42RF
Boulder
Field Catalog
Diego
Garcia
Addu Attoll
Local Access only
Limited Bandwidth
E-mail
Products
For ship
Field Reports,
Research Products
E-mail,
FTP
Subset of
Operational
And Model
Products,
Meteosat-7 data
Maldives Field
Catalog (mirrored)
R/V Revelle
Research Data, Reports
from mobile platforms
(Soundings, Dropsonde)
Local FTP Access

Next Steps:

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

- Test Bandwidth between Boulder and Dhiraagu to get an accurate measure of what can be sent/received

- Develop a list of research products and reports that are expected to be uploaded from the field

- Work with ship and aircraft groups to work out product/report needs and transfer methodologies

Expected Products:

1. What needs to be captured for archival?
2. What's needed in the field for real-time decision making?
3. What needs to be shared between facilities during the campaign?

Operational

- Meteosat-7 Imagery (3 channels, full resolution) (2,3)
- TRMM Radar? (1)
- Satellite Microwave sensors (37GHz, 85GHz) ????
- Other Polar Orbiting instruments ?????
- SSEC Cloud Drift winds, TPW ????
- GTS Soundings in the region (2,3)
- Surface obs from ships and buoys (2)
- SST Analyses (2)
- COSMIC soundings (1)

Model Products (Forecast) Temp, Hum, Precip, Winds, Ocean (2,3)

- NCEP
- Meteo-France
- JAMSTEC
- NRL

EOL
Deployment
Development
Data Services

Expected Products (cont.):

1. What needs to be captured for archival?
2. What's needed in the field for real-time decision making?
3. What needs to be shared between facilities during the campaign?

Research

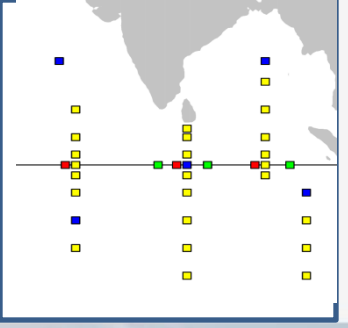
- Sounding SkewT plots (2,3)
- Dropsonde SkewT plots (2,3)
- Aircraft Tracks (3)
- Research Radar composites (2,3)
- Individual Radar plots (2,3)
- Radar Daily Diagnostic plots (Rain rate, Particle ID, Heating profiles) (1)

Reports (2,3)

- Flight Ops Plan of the Day
- Flight Summary
- Daily Facility Status Summary
- Science Director Summary
- Model Group Forecast Summary
- R/V Revelle Weekly Operations Summary
- Radar Weekly Operations Summary

EOL
Deployment
Development
Data Services

EOL
Deployment
Development
Data Services



DYNAMO/CINDY_2011 DATA POLICY

Steve Williams[1] and Kunio Yoneyama[2]

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Boulder, Colorado, USA

[2]Japan Agency for Marine-Earth Science & Technology (JAMSTEC)

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CINDY2011/DYNAMO Operations Planning Workshop

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NCAR

JAMSTEC

DYNAMO/CINDY Data Policy and Protocol

The DYNAMO/CINDY data policy will be in compliance with the World Meteorological Organization (WMO) Resolution 40 on the policy and practice for the exchange of meteorological and related data and products including guidelines on relationships in commercial meteorological activities:

"As a fundamental principle of the World Meteorological Organization (WMO), and in consonance with the expanding requirements for its scientific and technical expertise, the WMO commits itself to broadening and enhancing the free and unrestricted international exchange of meteorological and related data and products."

DYNAMO/CINDY Data Management Strategy

A DYNAMO Data (field observations and associated satellite data, reanalyses, and model output) **Archive Center (DDAC)** will be established and maintained by NCAR Earth Observing Laboratory (EOL) ***[proposed]*.**

There will be a **CINDY_2011 data center at JAMSTEC**. The CINDY_2011 Data Center and DYNAMO DDAC will be linked and the accessibility to publically released data at either center will be transparent to users. Each Data Center will maintain a list of project participants for data sharing.

A real-time web-based **Field Catalog will be implemented by EOL *[proposed]*** to assist the planning and field operation with an overview of the missions carried out during the field campaign. All participants to the DYNAMO field campaign are required to communicate with EOL on a daily basis to report status of their real-time data collection and instruments, which will be included in the Field Catalog. **CINDY_2011 Investigators should also provide products to the Field Catalog.** Real time atmospheric sounding observations will be made available to operational centers through GTS (with near real-time Skew-T plots provided in the Field Catalog).

DYNAMO/CINDY Data Submission and Availability

Within six months following the end of the field campaign, **all data shall be promptly shared** by DYNAMO/CINDY investigators responsible for data acquisition to other DYNAMO/CINDY investigators upon request and notification of the intent of data use.

During the **first 12 months** following the end of the field campaign, all DYNAMO/CINDY data will be **accessible only to DYNAMO/CINDY investigators** to facilitate inter-comparison, quality control checks and inter-calibrations, as well as an integrated interpretation of the combined data set. **No public release** of the data (sharing with non-DYNAMO/CINDY colleagues, conference presentations, publications, commercial and media use, etc.) is allowed without the permission of the DYNAMO/CINDY PIs who are responsible for collecting the data.

Quality control procedures should be carried out by DYNAMO/CINDY investigators within 12 months following the end of the field campaign, unless unforeseeable issues emerge. After 12 months, **DYNAMO/CINDY field data will be made available to the broader scientific community**. Any remaining data quality issues should be made clear in the data documentation files. Improving DYNAMO data quality will be a continuous effort. The suitability of the released data for scientific investigations and publications should be decided at the discretion of the DYNAMO investigators responsible for field data collection and quality control and data users.

DYNAMO/CINDY Data Authorship and Acknowledgement

The authorship decision for publications resulting from using DYNAMO/CINDY data should follow the ethic rules of the journals and professional organizations (e.g., AMS, AGU). DYNAMO/CINDY investigators responsible for field data collection are encouraged to make contributions to data analysis and writing of manuscripts, in addition to providing the data, to be **co-authors or acknowledged in the publications** using DYNAMO/CINDY data.

All publications using DYNAMO/CINDY data are suggested to include the following acknowledgement: The xxxx data was collected as part of the DYNAMO/CINDY project, which was sponsored by DOE, JAMSTEC, NASA, NOAA, NSF, ONR, [other responsible funding agencies]. The involvement of the Data Center is acknowledged. [The acquisition of the xxx data was carried out by YYYY using the zzzz instrument and was funded by wwww (if YYYY is not a co-author)].

EOL
Deployment
Development
Data Services