



# EOL Support for PREDICT

**Greg Stossmeister**

gstoss@ucar.edu

*NCAR/EOL*

*Computing, Data and Software Facility*

# 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



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(The following listing is auto generated. Click reload/refresh often to see new products.)

Available Operational Products for 2007/09/09 UTC

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Product Times(UTC)	Satellite Products																							
	09 Sep 2007																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	23	
<b>MTSAT</b>																								
200_700_layer_mean_wind	0000			0300			0600			0900			1200			1500			1800			2100		0000
250_850_layer_mean_wind	0000			0300			0600			0900			1200			1500			1800			2100		0000
300_850_layer_mean_wind	0000			0300			0600			0900			1200			1500			1800			2100		0000
400_850_layer_mean_wind	0000			0300			0600			0900			1200			1500			1800			2100		0000
500_850_layer_mean_wind	0000			0300			0600			0900			1200			1500			1800			2100		0000
700_850_layer_mean_wind	0000			0300			0600			0900			1200			1500			1800			2100		0000
850_mb_vorticity	0000			0300			0600			0900			1200			1500			1800			2100		0000
lower_level_convergence	0000			0300			0600			0900			1200			1500			1800			2100		0000
shear_tendency	0000			0300			0600			0900			1200			1500			1800			2100		0000
upper_level_divergence	0000			0300			0600			0900			1200			1500			1800			2100		0000
wavetrak	0000			0300			0600			0900			1200			1500			1800			2100		0000
wind_shear	0000			0300			0600			0900			1200			1500			1800			2100		0000
winds_IR	0000			0300			0600			0900			1200			1500			1800			2100		0000
winds_WV	0000			0300			0600			0900			1200			1500			1800			2100		0000
<b>MTSAT_imagery</b>																								
NRL_IR_Color_imagery	0030	0130	0230	0330	0430	0512	0656	0730	0830	0930	1030	1112	1230	1357	1530	1656	1712	1830	1956	2130	2312	2330	0000	
NRL_IR_imagery	0030	0130	0230	0330	0430	0512	0656	0730	0830	0930	1030	1112	1230	1357	1530	1656	1712	1830	1956	2030	2130	2312	2330	
NRL_Precip_6hrly							0900								1500		1800							
NRL_Precip_Rainrate	0042	0143	0222	0323	0415		0703	0826	0912	1009	1025	1150	1221	1332	1514	1537	1637	1736		2007				
NRL_TPW_850_aqua																1800								
NRL_TPW_850_dmsp																1800								
NRL_TPW_850_noaa																1800								
NRL_TPW_dmsp	0000						0900						1200			1800							0000	
NRL_TPW_dmsp_aqua							0900						1200			1800							0000	
NRL_TPW_noaa	0000						0900						1200			1800							0000	
NRL_VIS_imagery	0030	0130	0230	0356	0430	0512	0656	0730			1130	1230	1330	1357	1457	1530	1656	1712	1830	1956	2056	2130	2330	
NRL_WV_imagery	0030	0130	0230	0330	0430	0512	0656	0730	0830	0930	1030	1112	1230	1330	1357	1457	1530	1656	1712	1830	1956	2030	2130	
Product Times(UTC)	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	23	



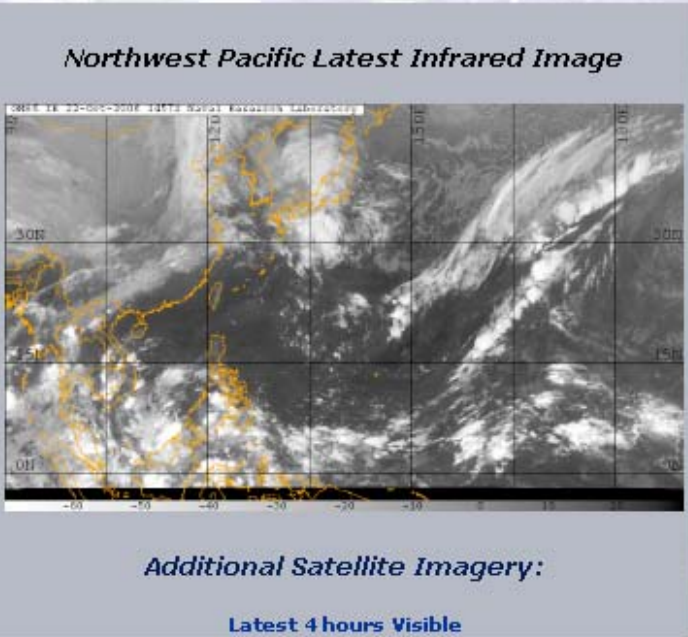
# TPARC/TCS-08 Field Catalog

2008 Field Season

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

UTC: Tues, Feb 24, 5:13 Z	Guam: Tues, Feb 24, 3:13 PM	Tokyo: Tues, Feb 24, 2:13 PM
Boulder: Mon, Feb 23, 11:13 PM	Monterey: Mon, Feb 23, 10:13 PM	Taipei: Tues, Feb 24, 1:13 PM
	Hawaii: Mon, Feb 23, 7:13 PM	

- Quick Links:**
- Facilities Status
  - Operations Plan of the Day
  - TPARC Weather Discussion
  - Real-Time P3 Flight Track (kml)
  - Real-Time C-130 Flight Track (kml)
  - Real-Time MTSAT Vis/IR Imagery (kml)
  - Real-Time Driftsonde Track (kml)
  - (Download kmIs first then open in GoogleEarth)
  - NPS Weather Briefing Website
  - Elluminate Meetings



- Information Links:**
- JTWC Website
  - Honolulu Weather
  - Guam Weather
  - Okinawa Weather
  - Monterey Operations Center (831) 656-3569
  - Guam Aircraft Coordination Center (671) 653-0235
  - 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

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## 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
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## SCIENTIFIC OBJECTIVE(S):

Structure change in TCS-047 southwest of Guam

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## MISSION PLANS:

### PRIMARY MISSION:



## RAINEX Weather Discussion

### For Research Planning Purpose Only

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

Author: Derck Ort

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

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### Review of Yesterday's Forecast:

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#### 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

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# 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

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## 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.

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## FACILITY STATUS

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

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

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**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  $\text{cm}^{-3}$ .

**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





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## 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](#)

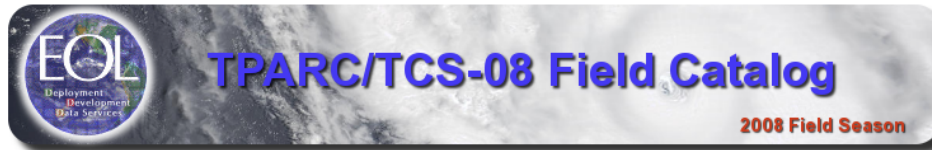
TPARC/TCS08 Guam Center (671) 653-0235 and 0236  
 Guam EOL Coordinator: (671) 689-1468  
 USAF C-130 Coordinator: (671) 689-1376  
 USAF (Dave Borsi-Hangar 4)(671) 366-8096  
 C130 Coord (P Black) (671) 689-1386  
 C-130 Scientist (D Jorgensen) (671) 878-8036  
 P3 Science (Dave Raymond) (671) 878-6839  
 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													<a href="#">18:15</a>		
2008/10/05			<a href="#">07:26</a>												
2008/10/04			<a href="#">21:06</a>								<a href="#">00:19</a>		<a href="#">19:44</a>		
2008/10/03			<a href="#">10:31</a>				<a href="#">00:37 22:20</a>	<a href="#">22:23</a>	<a href="#">22:23</a>	<a href="#">22:24</a>	<a href="#">00:42</a>		<a href="#">20:06</a>	<a href="#">20:39</a>	
2008/10/02											<a href="#">00:10</a>		<a href="#">21:22</a>	<a href="#">23:00</a>	<a href="#">15:06</a>
2008/10/01	<a href="#">23:12</a>		<a href="#">23:05</a>		<a href="#">05:25</a>		<a href="#">22:22</a>	<a href="#">22:41</a>	<a href="#">22:42</a>		<a href="#">00:01</a>		<a href="#">22:32</a>	<a href="#">23:00</a>	<a href="#">15:06</a>
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			<a href="#">00:09 23:41</a>				<a href="#">22:43</a>	<a href="#">22:29</a>	<a href="#">22:29</a>		<a href="#">00:03</a>		<a href="#">20:44</a>	<a href="#">19:53 21:29 23:00</a>	<a href="#">14:51 15:53</a>
2008/09/29		<a href="#">10:00 22:00</a>			<a href="#">03:50 22:20</a>		<a href="#">22:51</a>	<a href="#">22:38</a>	<a href="#">22:39</a>		<a href="#">00:07</a>		<a href="#">20:36</a>	<a href="#">20:48 23:00</a>	<a href="#">15:14 15:40</a>
2008/09/28	<a href="#">23:07</a>	<a href="#">10:00 22:00</a>	<a href="#">00:55 23:15</a>		<a href="#">03:10</a>		<a href="#">22:00</a>	<a href="#">22:43 22:47</a>	<a href="#">22:41 22:43 22:46</a>		<a href="#">00:33</a>		<a href="#">21:36</a>	<a href="#">20:50 23:00</a>	<a href="#">13:22 20:55</a>
2008/09/27		<a href="#">10:00 22:00</a>	<a href="#">00:11 06:05</a>				<a href="#">22:57</a>	<a href="#">22:11 22:34 22:56</a>	<a href="#">22:12 22:35 23:00</a>		<a href="#">00:02</a>	<a href="#">02:08</a>	<a href="#">20:56</a>	<a href="#">21:15 23:00</a>	<a href="#">13:29 20:53</a>
2008/09/26	<a href="#">23:30</a>	<a href="#">10:00 22:00</a>	<a href="#">00:20</a>	<a href="#">04:15</a>			<a href="#">21:10</a>	<a href="#">22:26 22:34</a>	<a href="#">22:30 22:35</a>	<a href="#">20:08</a>	<a href="#">00:03</a>		<a href="#">20:27</a>	<a href="#">21:14 23:00</a>	<a href="#">11:37 22:30</a>
2008/09/25	<a href="#">07:37 14:33</a>	<a href="#">10:00 22:00</a>	<a href="#">10:18</a>	<a href="#">07:06</a>		<a href="#">17:30</a>	<a href="#">22:14</a>	<a href="#">22:35 22:43</a>	<a href="#">22:37 22:43</a>	<a href="#">22:08</a>	<a href="#">00:11</a>	<a href="#">20:03</a>	<a href="#">20:51</a>	<a href="#">21:10 23:00</a>	<a href="#">14:50 22:27 23:33</a>
2008/09/24		<a href="#">10:00 22:00</a>	<a href="#">00:08</a>	<a href="#">08:16</a>		<a href="#">18:04</a>	<a href="#">22:36</a>	<a href="#">21:47 22:31</a>	<a href="#">21:49 22:33</a>	<a href="#">20:15</a>		<a href="#">17:13</a>	<a href="#">20:02</a>	<a href="#">21:12 23:00</a>	<a href="#">15:10 15:34 22:00</a>
2008/09/23		<a href="#">10:00 22:00</a>	<a href="#">00:08</a>	<a href="#">00:38</a>		<a href="#">19:56</a>	<a href="#">22:48</a>	<a href="#">22:30 23:58</a>	<a href="#">22:31 22:33 23:58</a>	<a href="#">00:12</a>	<a href="#">00:37 23:50</a>		<a href="#">20:45</a>	<a href="#">20:32 21:28 23:00</a>	<a href="#">14:23 15:08</a>
2008/09/22		<a href="#">10:00 22:00</a>	<a href="#">01:31</a>			<a href="#">19:24</a>	<a href="#">22:20</a>	<a href="#">19:19 20:36</a>	<a href="#">18:58 20:35</a>		<a href="#">00:26</a>		<a href="#">19:29</a>	<a href="#">20:47 23:00</a>	<a href="#">13:28 15:26 22:00</a>
2008/09/21	<a href="#">06:21 06:49</a>	<a href="#">10:00 22:00</a>	<a href="#">02:35</a>	<a href="#">12:23</a>		<a href="#">18:55</a>	<a href="#">22:07</a>	<a href="#">17:03 21:08</a>	<a href="#">17:02 21:08</a>	<a href="#">22:35</a>	<a href="#">00:38</a>		<a href="#">19:53</a>	<a href="#">20:42 20:53 23:00</a>	<a href="#">14:08 14:53</a>
2008/09/20	<a href="#">05:06</a>	<a href="#">10:00 22:00</a>	<a href="#">01:16 23:11</a>	<a href="#">21:53</a>	<a href="#">22:05</a>	<a href="#">19:17</a>	<a href="#">21:55</a>	<a href="#">22:49</a>	<a href="#">22:48</a>	<a href="#">02:35</a>	<a href="#">00:46</a>	<a href="#">01:56</a>	<a href="#">18:57</a>	<a href="#">21:10 23:00</a>	<a href="#">16:22 16:30 22:00</a>
2008/09/19	<a href="#">16:55</a>	<a href="#">10:00 22:00</a>	<a href="#">01:52 09:58</a>	<a href="#">03:34</a>			<a href="#">20:37</a>	<a href="#">22:28 22:46</a>	<a href="#">22:31 22:49</a>	<a href="#">00:15</a>	<a href="#">00:49</a>	<a href="#">00:53</a>	<a href="#">20:06</a>	<a href="#">20:56 23:00</a>	<a href="#">12:03 16:03</a>
2008/09/18		<a href="#">10:00 22:00</a>	<a href="#">00:09 08:38</a>	<a href="#">09:19</a>	<a href="#">03:25 22:35</a>	<a href="#">22:44</a>	<a href="#">22:36</a>	<a href="#">22:39 22:50</a>	<a href="#">22:39 22:50</a>		<a href="#">00:37</a>		<a href="#">19:55</a>	<a href="#">20:46 23:00</a>	<a href="#">13:11 15:25</a>
2008/09/17		<a href="#">10:00 22:00</a>	<a href="#">06:37</a>	<a href="#">02:44</a>	<a href="#">03:20</a>	<a href="#">21:09</a>	<a href="#">22:04</a>	<a href="#">22:01 22:34</a>	<a href="#">22:04 22:36</a>	<a href="#">22:39</a>	<a href="#">00:20</a>	<a href="#">22:24</a>	<a href="#">20:28</a>	<a href="#">21:33 23:00</a>	<a href="#">15:02 16:05</a>
2008/09/16		<a href="#">10:00 22:00</a>	<a href="#">23:15</a>	<a href="#">03:45</a>		<a href="#">19:31</a>	<a href="#">17:22 22:25</a>	<a href="#">15:42 22:14 22:33</a>	<a href="#">15:44 22:13 22:33</a>	<a href="#">20:53</a>	<a href="#">01:01</a>	<a href="#">20:44</a>	<a href="#">20:54</a>	<a href="#">21:22 23:00</a>	<a href="#">13:23 15:15</a>
2008/09/15		<a href="#">10:00 22:00</a>	<a href="#">03:03</a>	<a href="#">17:30</a>	<a href="#">21:35</a>		<a href="#">22:32</a>	<a href="#">00:05 21:36 23:05</a>	<a href="#">21:35 23:05</a>				<a href="#">20:51</a>	<a href="#">21:17 23:00</a>	<a href="#">14:16 15:38</a>



```

[15:42] * Now talking on #GV
[15:50] Fred-GV dutton_boulder, Hi Geoff, If Eric Hints 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] pavel-GV Do you know... if there are airports 200-400km N of Australia suitable for close approaches?
[15:54] scw_gnd 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 necessary 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

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[hide](#) 4 users


14:10 \*\*\* [GregStoss-EOL](#) joined #COORD

14:25 [gstoss\\_](#) [GregStoss-EOL](#), How's it going? Seen any tomadoes?


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.

 [GregStoss-EOL](#)

 [gstoss\\_](#)

 [RDCC\\_bot](#) ★

 [groundbot](#)

The Field Catalog is a Mission Planning Tool . . .


































## Available Operational Products for 2005/08/18 UTC

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

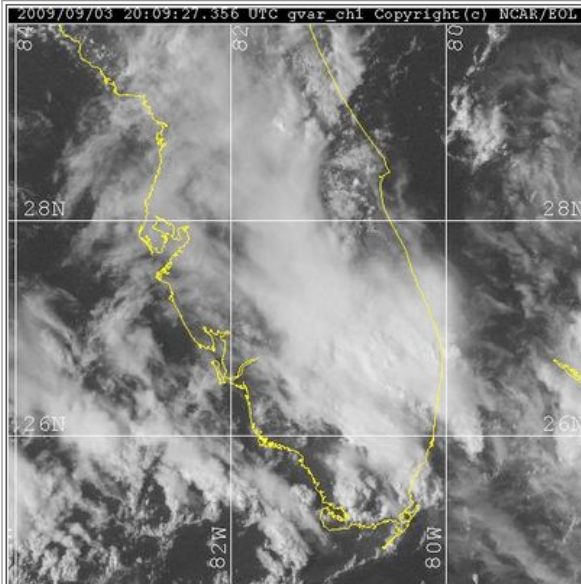
### Satellite Products

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	
<b>GOES (CIMSS Derived Product Imagery; NESDIS Derived Product Imagery)</b>																									
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	
<b>Hovmoller</b>																									
Africa_met-7	0000											1200													
Gulf_goes-12	0000											1200													
Subtropics_goes-12	0000											1200													
Tropics_goes-12	0000											1200													
<b>NRL_Tropics</b>																									
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			1800			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																	
<b>goes-12 (NESDIS GOES Soundings)</b>																									
7km_ch1_vis										0915	1015	1115	1215	1315	1415	1515	1615	1715	1815	1915	2015	2115	2215	2315	
7km_ch3_water_vapor	0015	0115	0215	0315	0415		0615	0715	0815	0915	1015	1115	1215	1315	1415	1515	1615	1715	1815	1915	2015	2115	2215	2315	
7km_ch4_thermal-IR	0015	0115	0215	0315	0415		0615	0715	0815	0915	1015	1115	1215	1315	1415	1515	1615	1715	1815	1915	2015	2115	2215	2315	
floaters_ch1_vis										0915	1015	1115	1215	1315	1415	1515	1615	1715	1815	1915	2015	2115	2215	2315	

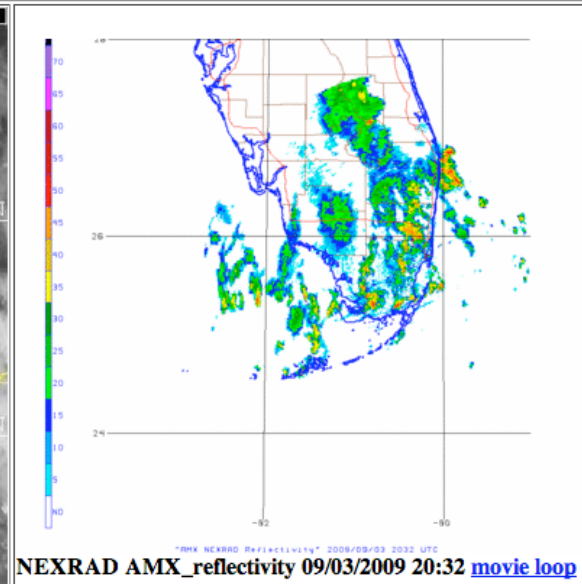
# ADELE\_SPRITE 4 panel display

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

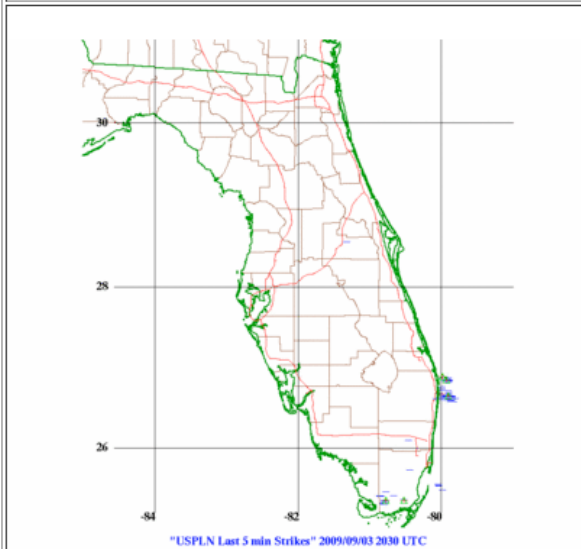
Products Form



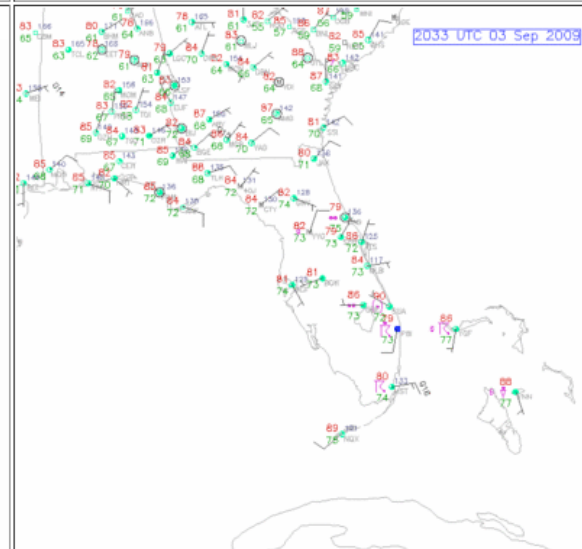
goes-12 1km\_ch1\_vis 09/03/2009 20:15 [movie loop](#)



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	
<b>MTM_ECMWF - Analysis and Forecast from 2008/09/25 00:00 UTC (The Marsupial Paradigm)</b>															
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		
<b>MTM_GFS - Analysis and Forecast from 2008/09/25 12:00 UTC (The Marsupial Paradigm)</b>															
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	
<b>MTM_NOGAPS - Analysis and Forecast from 2008/09/25 00:00 UTC (The Marsupial Paradigm)</b>															
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)	<b>00</b>	<b>06</b>	<b>12</b>	<b>18</b>	<b>00</b>	<b>06</b>	<b>12</b>	<b>18</b>	<b>00</b>	<b>06</b>	<b>12</b>	<b>18</b>	<b>00</b>	<b>12</b>	
	<b>25 Sep 2008</b>				<b>26 Sep 2008</b>				<b>27 Sep 2008</b>				<b>28 Sep 2008</b>		

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
<b>COAMPS_TC - Analysis and Forecast from 2008/09/25 00:00 UTC</b>																														
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					
<b>COAMPS_TC - Analysis and Forecast from 2008/09/25 12:00 UTC</b>																														

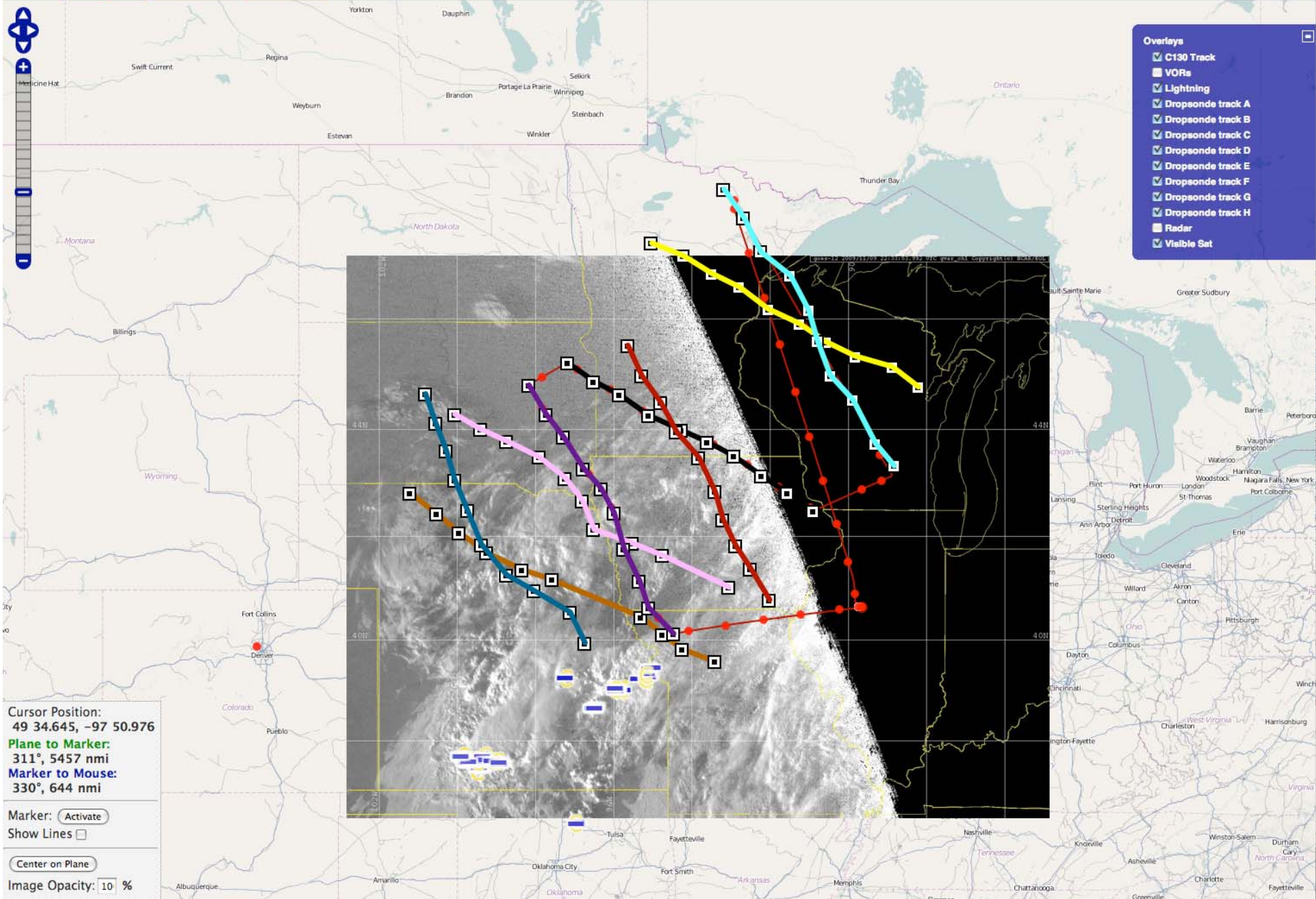


C130

Map

Camera

Images



**Overlays**

- C130 Track
- VORs
- Lightning
- Dropsonde track A
- Dropsonde track B
- Dropsonde track C
- Dropsonde track D
- Dropsonde track E
- Dropsonde track F
- Dropsonde track G
- Dropsonde track H
- Radar
- Visible Sat

Cursor Position:  
49 34.645, -97 50.976

Plane to Marker:  
311°, 5457 nmi  
Marker to Mouse:  
330°, 644 nmi

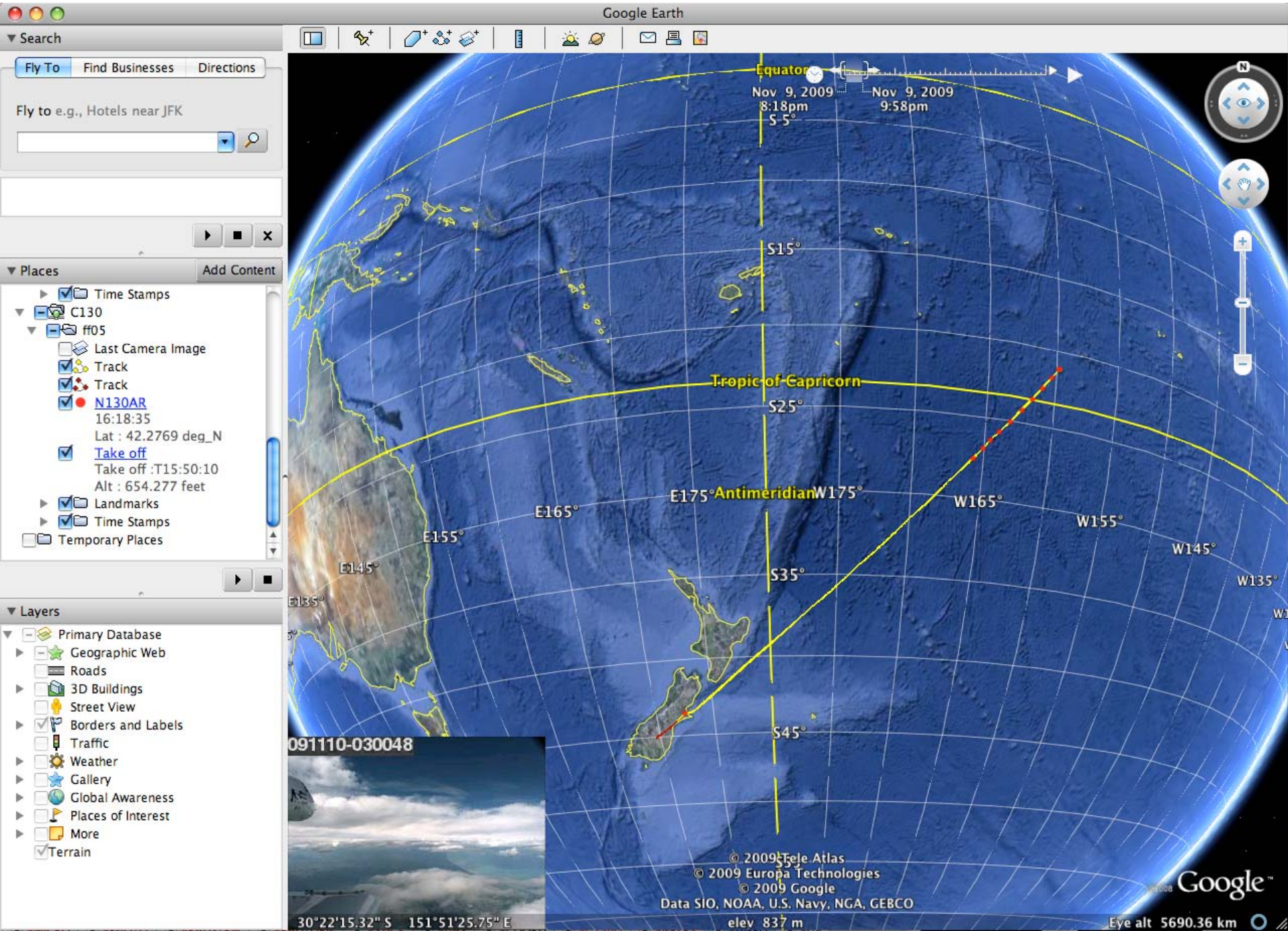
Marker:  Activate

Show Lines

Center on Plane

Image Opacity: 10 %







The Field Catalog is a Post Analysis Tool . . .



## RAINEX Missions Table

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

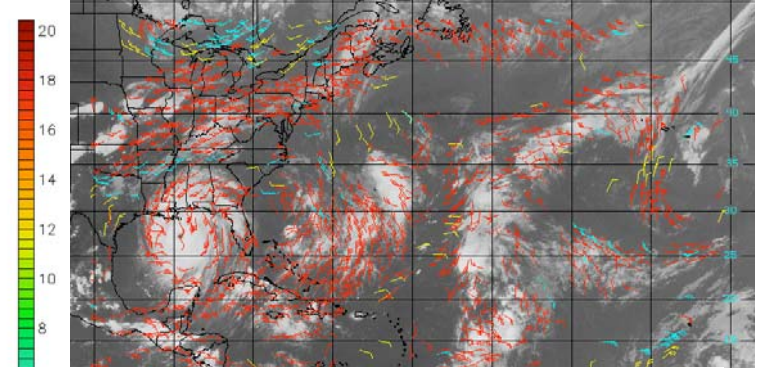
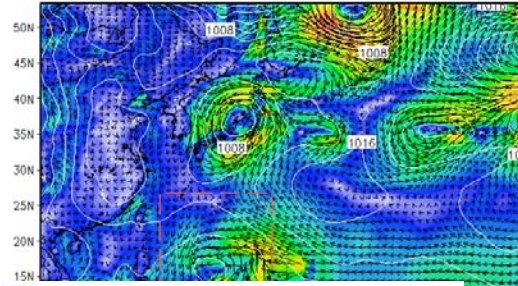
[Back to RAINEX Field Catalog](#)

Comments : [meitin at ucar.edu](mailto:meitin@ucar.edu)

# FIELD CATALOG SAMPLE PRODUCTS



10m Wind & SLP at 48h 2008091800

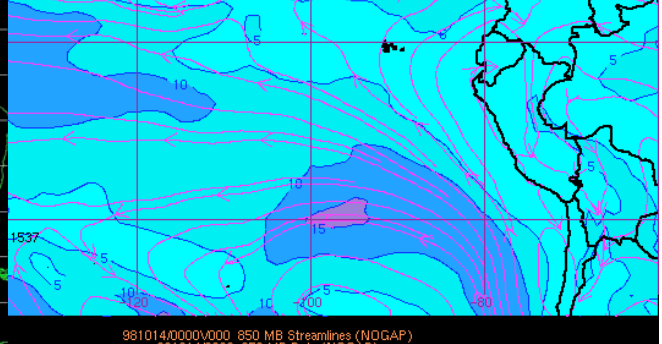
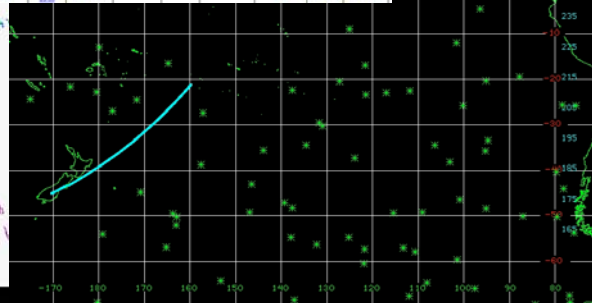
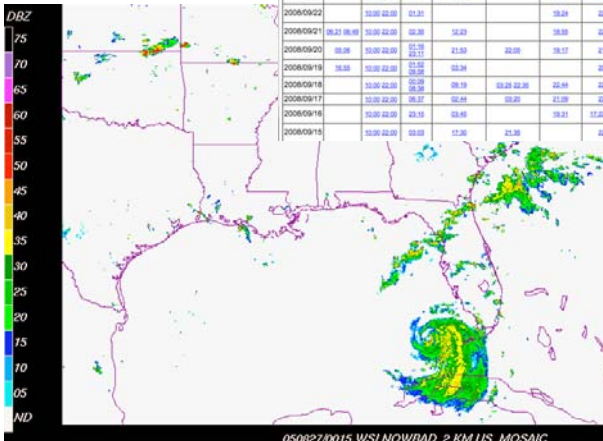
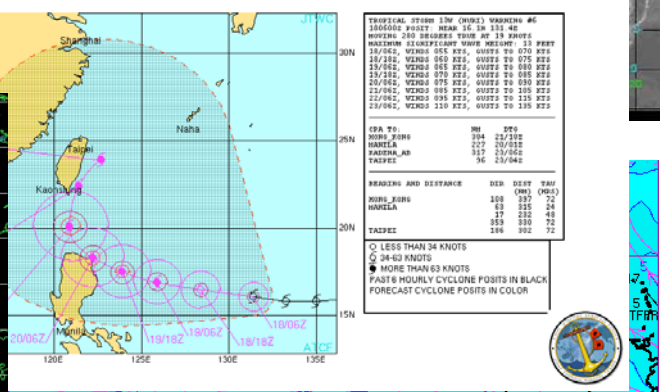
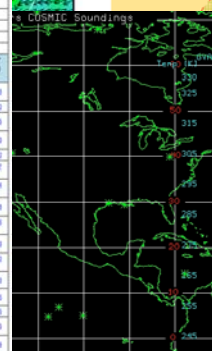


**TPARC/TCS-08 Field Catalog**  
2008 Field Season

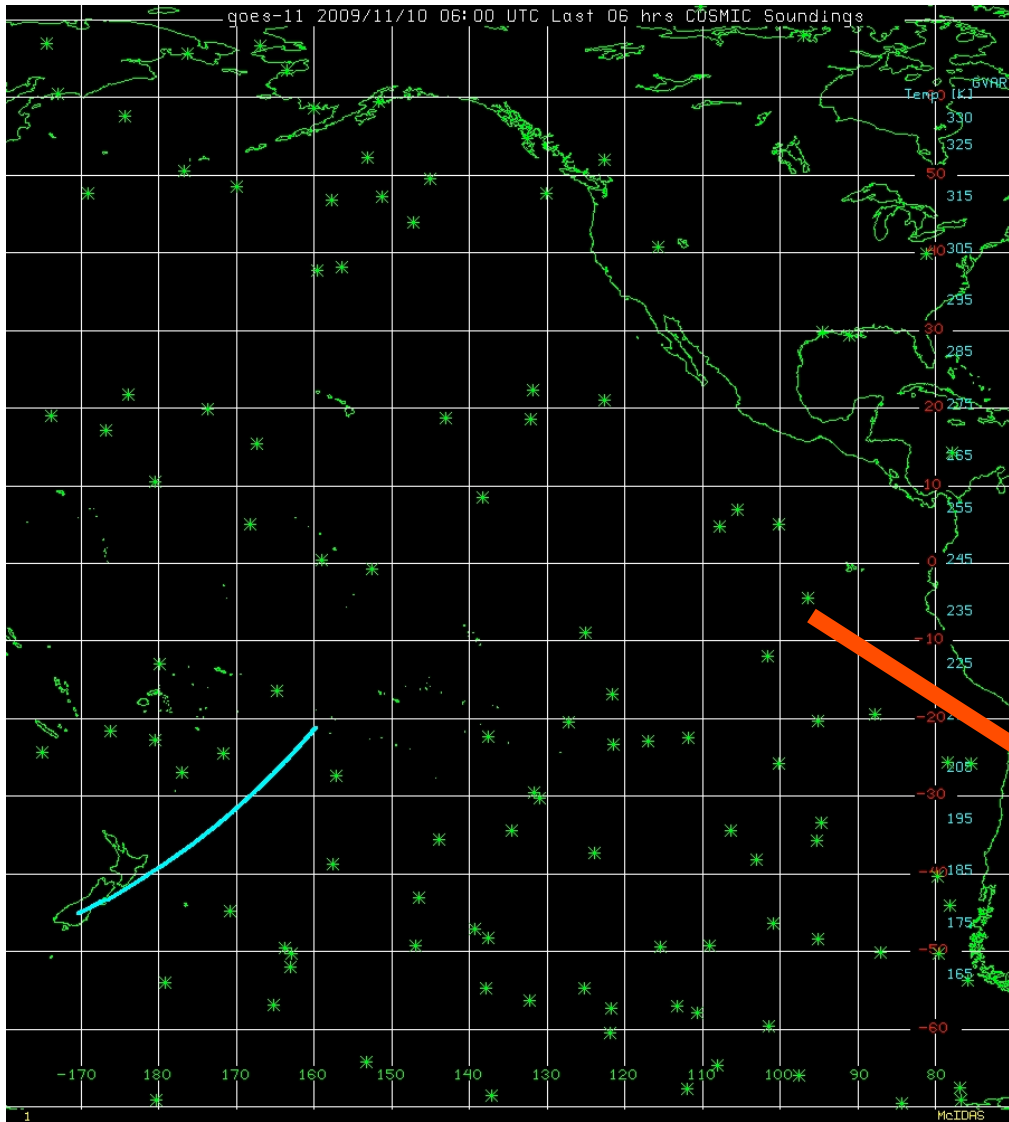
[Catalog](#) | [Daily Reports](#) | [Operational](#) | [Multi-Operational](#) | [Network](#) | [Missions](#) | [Tools & Links](#)

Resource Usage Summaries | Flight Ops Range Rings

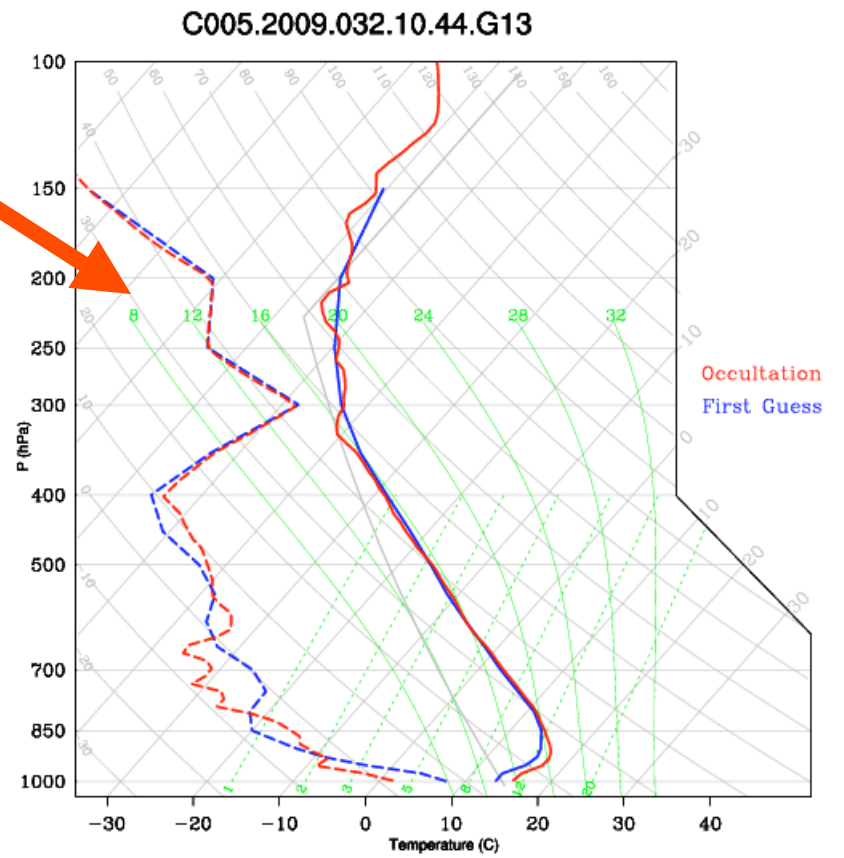
Date (UTC)	DLR Falcon status	Driftdome status	NRL P-3 status	USAF C-130 plan of the day	dlr falcon mission summary	driftdome operations	facilities status summary	forecast brief	forecast graphic	net p-3 mission summary	ops plan of the day	usaf c130 mission summary	weather model verification	weather summary	weather targeting blog
2008-10-01	01-12	03-08	02-08	05-05				05:37 02:05	02:23	02:23	02:24	02:42	02:08	02:30	03:08
2008-10-04			07-26									03:38	03:44	03:39	03:58
2008-10-05			07-26									03:38	03:44	03:39	03:58
2008-10-06			07-26									03:38	03:44	03:39	03:58
2008-10-07			07-26									03:38	03:44	03:39	03:58
2008-10-08			07-26									03:38	03:44	03:39	03:58
2008-10-09			07-26									03:38	03:44	03:39	03:58
2008-10-10			07-26									03:38	03:44	03:39	03:58
2008-10-11			07-26									03:38	03:44	03:39	03:58
2008-10-12			07-26									03:38	03:44	03:39	03:58
2008-10-13			07-26									03:38	03:44	03:39	03:58
2008-10-14			07-26									03:38	03:44	03:39	03:58
2008-10-15			07-26									03:38	03:44	03:39	03:58
2008-10-16			07-26									03:38	03:44	03:39	03:58
2008-10-17			07-26									03:38	03:44	03:39	03:58
2008-10-18			07-26									03:38	03:44	03:39	03:58
2008-10-19			07-26									03:38	03:44	03:39	03:58
2008-10-20			07-26									03:38	03:44	03:39	03:58
2008-10-21			07-26									03:38	03:44	03:39	03:58
2008-10-22			07-26									03:38	03:44	03:39	03:58
2008-10-23			07-26									03:38	03:44	03:39	03:58
2008-10-24			07-26									03:38	03:44	03:39	03:58
2008-10-25			07-26									03:38	03:44	03:39	03:58
2008-10-26			07-26									03:38	03:44	03:39	03:58
2008-10-27			07-26									03:38	03:44	03:39	03:58
2008-10-28			07-26									03:38	03:44	03:39	03:58
2008-10-29			07-26									03:38	03:44	03:39	03:58
2008-10-30			07-26									03:38	03:44	03:39	03:58
2008-10-31			07-26									03:38	03:44	03:39	03:58



981014.0000V000 850 MB Streamlines (NOGAP)  
981014.0000 850 MB Data (NOGAP)



## INTERACTIVE MAP FEATURE



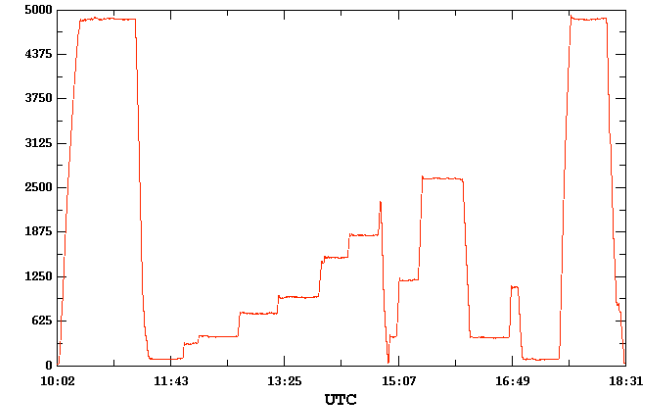
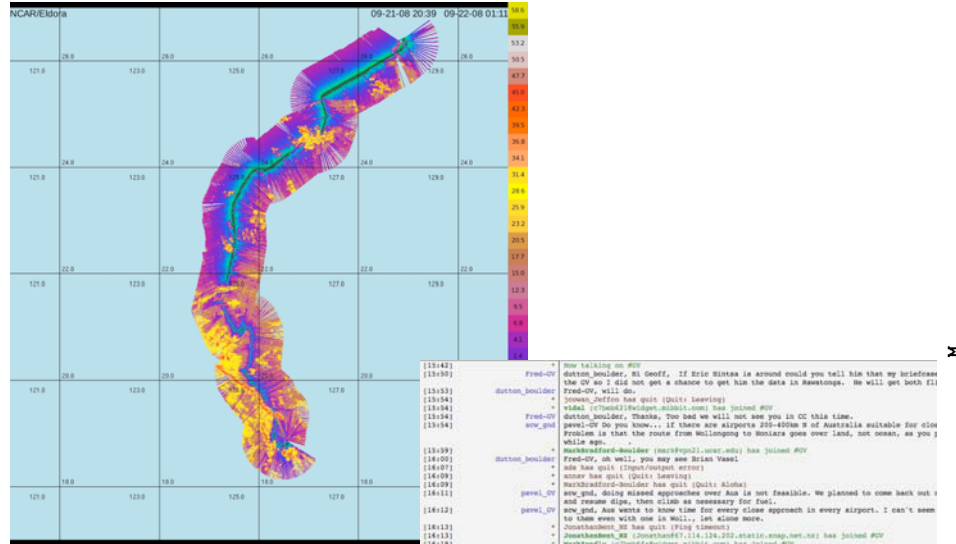




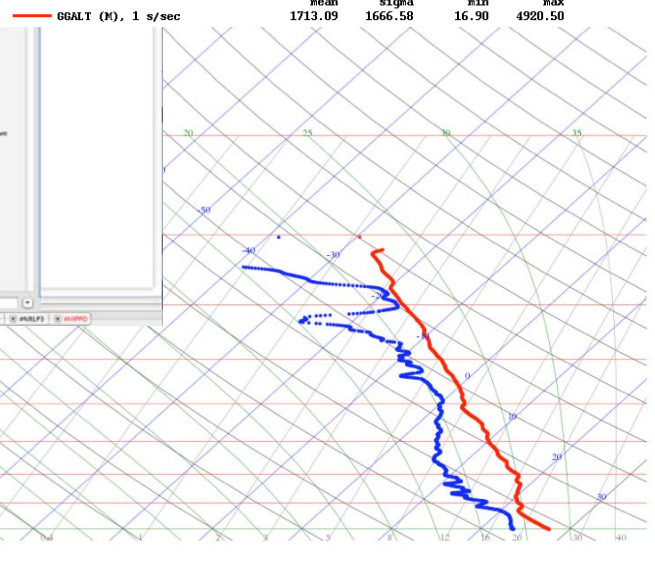
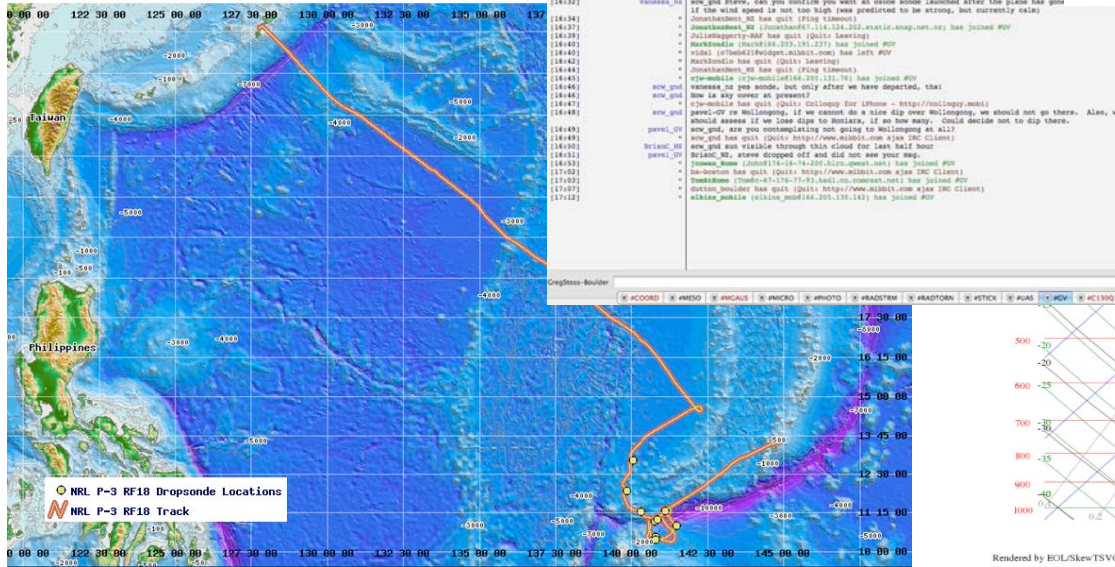
NCAR  
Earth  
Observing  
Laboratory

# SAMPLE RESEARCH PRODUCTS

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

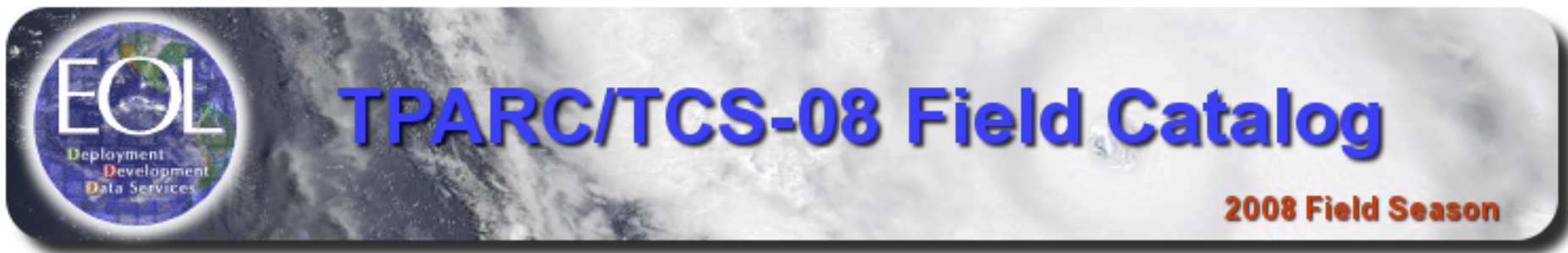


**NRL P-3 RF18 Flight Track**  
Start of Mission: 2008/09/23 ~0000 UTC  
End of Mission: 2008/09/23 ~0800 UTC



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- **Reports/Summaries (Status, Mission, and Operations)**  
**1028 documents and 2486 image files (0.62 GB)**
- **Research Platform Products (Aircraft, Surface, Lidar, Upper Air)**  
**5,210 image files (0.89 GB)**
- **Operational Products (Satellite, Surface, Radar, Upper Air)**  
**114,632 image files (27 GB)**
- **Model Output Imagery (Analysis and Forecast Fields)**  
**1,014,180 image files (60 GB)**
- **TOTALS: 1,137,536 Files (88.51 GB)**









# EOL FIELD CATALOG TOOL

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

## Features:

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



Available Model Products for 2006/03/15 UTC

◀ Previous Date(UTC) Choose Date(UTC) Next Date(UTC) ▶

FLEXPART Forecast Products

Forecast Times(UTC)	15 Mar 2006				16 Mar 2006				17 Mar 2006				18 Mar 2006				19 Mar 2006				20 Mar 2006								
FLEXPART - Analysis and Forecast from 2006/03/15 12:00 UTC																													
300_MC_CO2_Height					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
500_MC_CO2_Height					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
700_MC_CO2_Height					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
Total_Column_CO					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
FLEXPART - Analysis and Forecast from 2006/03/15 06:00 UTC																													
300_MC_CO2_Height					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
500_MC_CO2_Height					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
700_MC_CO2_Height					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
Total_Column_CO					000e	000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP
FLEXPART - Analysis and Forecast from 2006/03/15 00:00 UTC																													
300_MC_CO2_Height					000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP	
500_MC_CO2_Height					000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP	
700_MC_CO2_Height					000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP	
Total_Column_CO					000e	000e	012e	012e	012e	024e	024e	036e	036e	048e	048e	060e	060e	072e	072e	084e	084e	096e	096e	108e	108e	120e	120e	SP	

GFS Forecast Products

Forecast Times(UTC)	15 Mar 2006				16 Mar 2006				17 Mar 2006				18 Mar 2006															
GFS - Analysis and Forecast from 2006/03/15 12:00 UTC																												
000_MSLP_500_Heights					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_MSLP_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_Precip_6h					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_Precipitable_Water					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_Temperature					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
500_Heights_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
700_Heights_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
850_Heights_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
GFS - Analysis and Forecast from 2006/03/15 00:00 UTC																												
000_MSLP_500_Heights					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_MSLP_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_Precip_6h					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_Precipitable_Water					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
000_Temperature					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
500_Heights_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
700_Heights_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
850_Heights_Winds					000e	000e	012e	012e	024e	024e	036e	036e	048e	048e	060e	072e	SP											
Forecast Times(UTC)					00	06	12	18	00	06	12	18	00	06	12	00	12											
					15	Mar	2006			16	Mar	2006			17	Mar	2006			18	Mar	2006						