

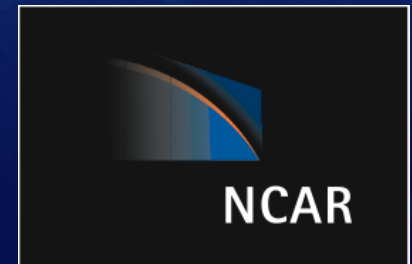
CSET Field Catalog Introduction

Greg Stossmeister, John Allison

gstoss@ucar.edu

catalog.eol.ucar.edu/cset

(eventually, but not yet)



The NCAR/EOL Field Catalog

The screenshot shows the WINTER Field Catalog website. The header includes the WINTER logo and the title "WINTER Field Catalog: Wintertime Investigation of Transport, Emission, and Reactivity". A navigation menu lists Home, Maps, Reports, Status, Products, Missions, Tools & Links, Data, and Help. The main content area features a "Latest National Radar Mosaic" map of the United States, a "Project Time" section showing UTC and local time for Newport News, VA, and a sidebar with sections for "Current Reports", "Tools", "Chatrooms", "Preliminary Data", and "Schedule". The footer contains contact information, external webpages, catalog resources, and social media links for EDS, NCAR, and UCAR.

The field catalog is a web-based collaborative service whose mission is to provide facilities for:

- Project Documentation
- Collect supporting prods for context
- Post mission, campaign review
- Mission Planning
- Real-time communications
- Situational Awareness
- Real-time decision-making
- In-field data sharing

80 campaigns supported in 19 years

Weather Forecast Discussion

Enter new report

You must enter a password before adding a link or image in a text box.

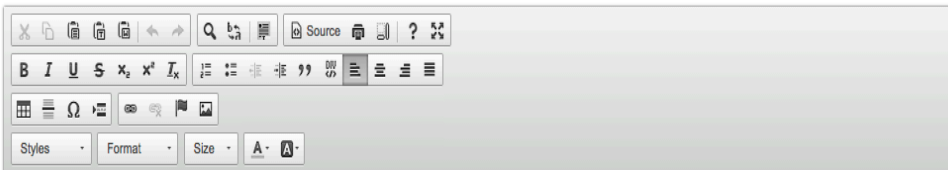
Password*

Author*

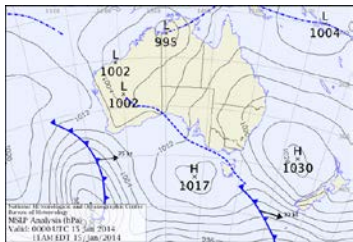
Date/Time* UTC
(Form loaded at 2015-04-10 17:04 UTC)

Current Conditions

The editor below allows WYSIWYG and Source-HTML editing with file uploads for both inline images and links to attachments. See the [Users Guide](#) for editing help. We suggest you restrict your HTML and styling to be clean and simple. To include images, use the Image or Link button and then the Upload tab. Finally, for security and styling reasons, some advanced HTML and larger headings may be removed or modified.



An active monsoon trough lies over the Arafura Sea with a tropical low embedded within the trough located over the Territory's Top End to the south of Darwin. Broad areas of cloud with embedded thunderstorms, showers and areas of rain can be seen about large areas of northern Australia, associated with the monsoon trough and low. Active lightning early morning in the convergent bands in the Timor Sea.



body p

Clear editor

Cancel Submit

For documentation:
Interactive web forms with inline images

Ops Plan of the Day
Weather Discussion
Mission Scientist Summary
IOP Proposal
NCAR GV
Mission Summary
Staffing Schedule



HAIC-HIWC Field Catalog

Cayenne Campaign: 2015



Home Maps Reports Status Products Missions Tools & Links Help

Reports = 2015-04-27

View files Latest report Action

View files	Latest report	Action
Operations		
Operations Plan of the Day	2015-04-01 00:00:00 UTC	Write new report Upload file
Weather Discussion	2015-04-01 00:00:00 UTC	Write new report Upload file
Summaries		
ALTM Assessment	No reports	Write new report Upload file
Falcon Data/In Summary	No reports	Write new report Upload file
Falcon Flight Notes	No reports	Write new report Upload file
Falcon Operations Summary	No reports	Write new report Upload file
Operations Summary	No reports	Write new report Upload file

Partner Websites: HAIC Home Page, SWIR Home Page, GARC Home Page, WSA LARC HAIC Page

Getting Resources: Field Catalog, Darwin Field Catalog, Creating Upload Guide, Contact Us, Creating Help Documentation

EOS Pages: HAIC-HIWC Data, ICA, BOUTOS

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EDS NCAR UCAR

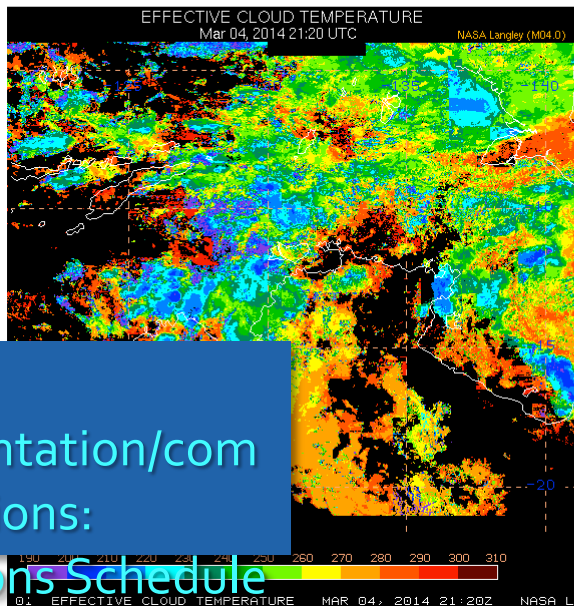


HAIC-HIWC Field Catalog

High Altitude Ice Crystals - High Ice Water Content Project



Latest Cloud Temperature



For documentation/communications:
Operations Schedule

Project Time

UTC	Tues, Mar 4, 22:18 Z	Boulder	Tues, Mar 4, 3:18 PM
Darwin	Wed, Mar 5, 7:48 AM	Melbourne	Wed, Mar 5, 9:18 AM
Paris	Tues, Mar 4, 11:18 PM	Tokyo	Wed, Mar 5, 7:18 AM

Current Reports

[Operations Plan of the Day](#)
[Weather Discussion](#)

Tools

[Catalog Maps \(GIS Tool\)](#)

Announcements/Schedule

Communications Coordinator: Tom Ratvasky Phone: 0469 329 163

Updated at 01:30 UTC 02-Mar-2014

Announcement:

- **No flights 02-March or 04-March** - the fuel control valve is expected to be in Darwin on Monday. However, a PC board for the fuel control is also required. This board has been ordered, but the delivery date is unknown at the moment. Current best guess is the test flight on 05-March.
- The forecast for the top end has dry air persisting through Wednesday. A tropical cyclone is anticipated to develop in the Coral Sea and move west toward Cairns. Planning is being initiated to deploy the Falcon 20 towards the east coast later this week after functional flight checks are completed.
- Decision on extension will be made on 05-March after gathering terms and conditions of extending lease at Pearl hangar and understanding the status of the aircraft

Plan for 02-Mar-2014

- no more meetings - enjoy the good weather!

Plan for 03-Mar-2014

- 09:00 Wx brief
- 09:30 FOG meeting
- 14:00 McBride presentation, "Australian Monsoon and the MJO (Madden-Julian Oscillation)", NTRO 2nd Floor conference room

Plan for 04-Mar-2014

- 09:00 Wx brief
- 09:30 FOG meeting
- Replace fuel valve after receipt

Times posted are local Darwin time, unless otherwise noted.



Partner Webpages

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

Catalog Resources

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

EOL Pages

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



Status report

Password
 Date/Time UTC
 Author
 Platform

Status reports summary

Status choices: **No report** is not a status-- it indicates that no report will be submitted; **up** means the instrument is completely non-operational; **inactive** should rarely be used, it means service due to external logistical considerations, not due to a problem).

Overall

ADS - Airborne Data System

VCSEL - Vertical-Cavity Surface-Emitting Laser

HARP - HIAPER Atmospheric Radiation Package

TOGA - Trace Organic Gas Analyzer

Fast O3

CO2/CH4 - Picarro Instrument for Airborne Measurement of CO2 and CH4

COMR_AL - Aerolaser

NO-NO2/NO-NOy - 2-channel chemiluminescence instrument

2D-C

UHSAS - Ultra-High Sensitivity Aerosol Spectrometer

CDP

Flight Level Data

PCASP - Passive Cavity Aerosol Spectrometer Probe

FSSP-100

TD-LIF - Thermal Dissociation Laser Induced Fluorescence

CN Counter

SATCOM - Satellite Communications

UNHAC - University of New Hampshire Aerosol Collector

ARNOLD - Atmospheric Ring-down Nitrogen Oxide Laser Detector

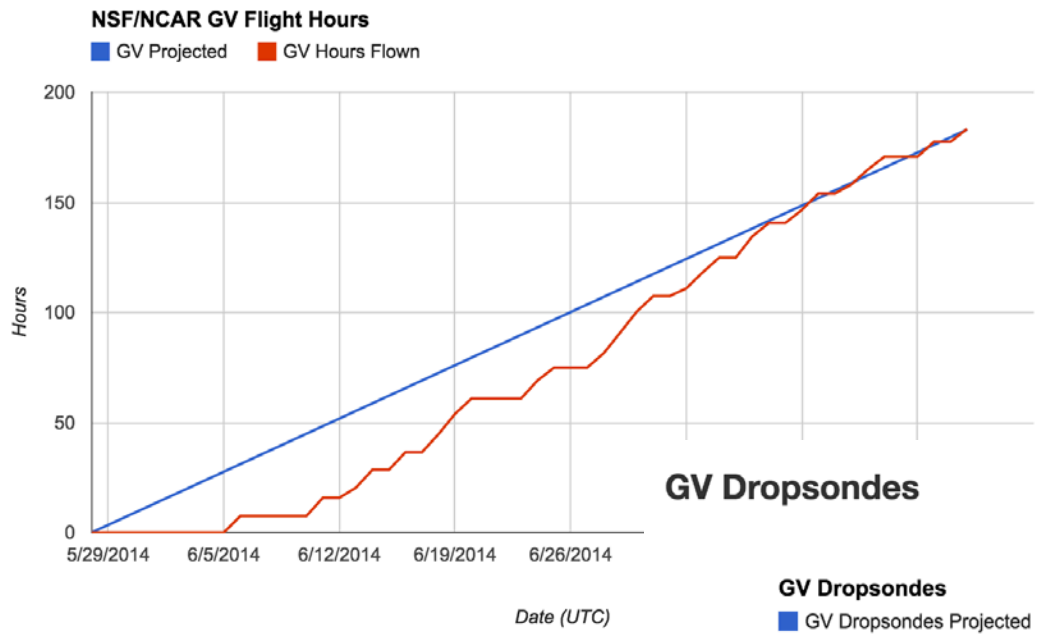
Instrument	2013-12-17	2014-01-11	2014-01-14	2014-01-17	2014-01-19	2014-01-22	2014-01-25	2014-01-29	2014-02-01	2014-02-05	2014-02-08	2014-02-14	2014-02-17	2014-02-21	2014-02-25	Instrument
Aircraft and state parameters																
Aircraft, NSF/NCAR GV HIAPER																Aircraft, NSF/NCAR GV HIAPER
Overall	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Overall
ADS - Airborne Data System	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	ADS - Airborne Data System
Digital cameras	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Digital cameras
Mission Coordinator System	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Mission Coordinator System
Radome gust probe	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Radome gust probe
Chemistry																
AMAX-DOAS	down	up	up	up	up	up	up	up	down	up	provisional	up	down	up	up	AMAX-DOAS
AWAS - Advanced Whole Air Sampler	down	provisional	up	provisional	provisional	up	up	up	up	up	up	up	up	up	up	AWAS - Advanced Whole Air Sampler
Bromine	down	up	up	up	provisional	up	up	up	up	up	up	up	up	up	provisional	Bromine
CO2/CH4 - Picarro Instrument for Airborne Measurement of CO2 and CH4	down	down	provisional	down	provisional	provisional	down	up	up	up	up	up	up	up	up	CO2/CH4 - Picarro Instrument for Airborne Measurement of CO2 and CH4
COMR_AL - Aerolaser	down	down	up	down	provisional	up	up	up	up	up	up	up	up	up	up	COMR_AL - Aerolaser
Fast O3	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	Fast O3
Formaldehyde	down	provisional	down	provisional	up	provisional	up	up	up	up	down	up	up	up	up	Formaldehyde
GT-CIMS - Georgia Tech Chemical Ionization Mass Spectrometer	down	up	up	up	up	up	up	up	down	up	up	up	up	up	up	GT-CIMS - Georgia Tech Chemical Ionization Mass Spectrometer
NO-NO2/NO-NOy - 2-channel chemiluminescence instrument	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	NO-NO2/NO-NOy - 2-channel chemiluminescence instrument
TOGA - Trace Organic Gas Analyzer	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	TOGA - Trace Organic Gas Analyzer
Dew point and humidity																
DP - Dewpointers	down	provisional	provisional	provisional	provisional	provisional	up	provisional	provisional	up	up	up	up	up	provisional	DP - Dewpointers
PLWC - King LW probe	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	PLWC - King LW probe
RICE - icing rate indicator	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	RICE - icing rate indicator
VCSEL - Vertical-Cavity Surface-Emitting Laser	down	up	up	up	up	up	up	up	up	up	up	up	up	up	up	VCSEL - Vertical-Cavity Surface-Emitting Laser

For documentation:
 Instrument Status

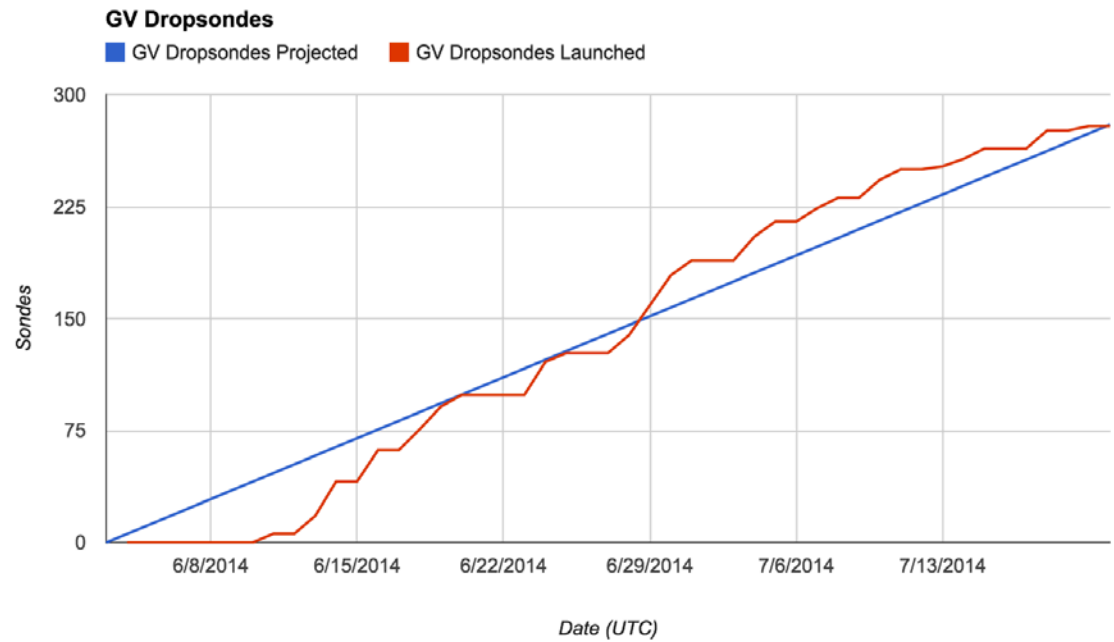
DEEPWAVE Resource Usage

NSF/NCAR GV

For documentation:
Resource Tracking



GV Dropsondes



Satellite Products for Current Day

« 2015/03/19 (UTC) Choose Other Date 2015/03/21 (UTC) »

- Satellite
- Radar
- Surface
- Upper-Air
- Lidar
- Aircraft
- Model

Choose Product Group

Latest Product

Loops

Satellite Products 2015/03/20

Combined product MODIS/GOES satellites

Fire Locations

IASI

Global Total CO Daytime

Global Total CO Nighttime

METOP-A Satellite, GOME2 Instrument

NRT total NO2

NRT tropospheric NO2

METOP-B Satellite, GOME2 Instrument

NRT total NO2

NRT tropospheric NO2

MODIS

Aerosol Optical Depth

Ozone Monitoring Instrument

NRT total NO2

NRT tropospheric NO2

Satellite, GOES-13

2km winter ch1 vis

4km Channel 1 (Visible)

4km Channel 2 (Near IR)

4km Channel 3 (Water Vapor)

4km Channel 4 (Thermal IR)

4km Channel 6 (micron IR)

2015/03/19 00:00 UTC	2015/03/19	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
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2015/03/19 00:00 UTC	2015/03/19	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/19 00:00 UTC	2015/03/19	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:50 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:50 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:50 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:50 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/19 00:00 UTC	2015/03/19	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:50 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:50 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:45 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:45 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:45 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:45 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images
2015/03/20 16:45 UTC	2015/03/20	Loop Last 6 Images	Loop Last 12 Images	Loop Last 24 Images

Satellite

« 2015/03/19 (UTC)

2015/03/21 (UTC) »

Choose Other Date

February 2015						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Choose date for playback

- ✓ Choose Product Group
- Aircraft: Aircraft and state parameters
- Aircraft: Imaging
- Aircraft: State Parameters
- Model: NASA GEOS5 Chemical Forecast
- Model: NCEP GFS Forecast
- Model: NCEP RAP Forecast
- Model: NOAA NAQFC Forecast
- Model: US Navy NAAPS Aerosol Forecast
- Model: UW FLEXPART Forecast
- Radar: Radar
- Satellite: Satellite
- Surface: Surface
- Upperair: Sounding
- Report: Ops Summaries
- Report: Planning
- Lidar: lidar products

Choose category to stay On chosen date

Satellite Products 2015/03/20

Combined product MODIS/GOES satellites

Fire Locations

2015/03/19
00:00 UTC

IASI

Global Total CO Daytime

2015/03/19
00:00 UTC

Global Total CO Nighttime

2015/03/19
00:00 UTC

METOP-A Satellite, GOME2 Instrument

NRT total NO2

2015/03/20
16:50 UTC

NRT tropospheric NO2

2015/03/20
16:50 UTC

METOP-B Satellite, GOME2 Instrument

NRT total NO2

2015/03/20
16:50 UTC

NRT tropospheric NO2

2015/03/20
16:50 UTC

MODIS

Aerosol Optical Depth

2015/03/19
00:00 UTC

Ozone Monitoring Instrument

NRT total NO2

2015/03/20
16:50 UTC

NRT tropospheric NO2

2015/03/20
16:50 UTC

Satellite, GOES-13

2km winter ch1 vis

2015/03/20
16:45 UTC

4km Channel 1 (Visible)

2015/03/20
16:45 UTC

4km Channel 2 (Near IR)

2015/03/20
16:45 UTC

Loop Last 12 Images Loop Last 24 Images

Loop Last 12 Images Loop Last 24 Images

Loop Last 12 Images Loop Last 24 Images

Loop Last 12 Images Loop Last 24 Images

Loop Last 6 Images Loop Last 12 Images Loop Last 24 Images

Loop Last 6 Images Loop Last 12 Images Loop Last 24 Images

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Loop Last 6 Images Loop Last 12 Images Loop Last 24 Images

Loop Last 6 Images Loop Last 12 Images Loop Last 24 Images

Loop Last 6 Images Loop Last 12 Images Loop Last 24 Images

Loop Last 6 Images Loop Last 12 Images Loop Last 24 Images

Catalog Maps Tool

MAP AREA

Navigation →

Time Controls

Map Time: 2014-06-20 10:27 UTC
[Reset to Latest](#)

Time Step

back 10 minutes forward

Date / Time Select

June 2014

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Hour: 10 Minute: 27
[Date / Time Select](#)

Layer Controls

- Latitude/Longitude Lines
- Positions**
 - NSF/NCAR GV Position
@ 2014-06-20 10:26:54 UTC
 - DLR Falcon Position
- Imagery**
 - AIRS Gravity Waves - 2hPa
 - AIRS Gravity Waves - 2.5hPa
 - AIRS Gravity Waves - 3hPa
 - AIRS Gravity Waves - 4hPa
 - AIRS Gravity Waves - 7hPa
 - AIRS Gravity Waves - 10hPa
 - AIRS Gravity Waves - 20hPa
 - AIRS Gravity Waves - 30hPa
 - AIRS Gravity Waves - 40hPa
 - AIRS Gravity Waves - 60hPa
 - AIRS Gravity Waves - 80hPa
 - AIRS Gravity Waves - 100hPa
 - MTSAT-2 1km Ch1 Vis
 - MTSAT-2 4km Ch1 Vis
 - MTSAT-2 4km Ch2 Thermal-IR
@ 2014-06-20 09:32 UTC
 - MTSAT-2 4km Ch4 Water Vapor
- KMLs**
 - NSF/NCAR GV Dropsonde Winds 250hPa
 - NSF/NCAR GV Dropsonde Winds 300hPa
 - NSF/NCAR GV Dropsonde Winds 400hPa
 - NSF/NCAR GV Dropsonde Winds 500hPa
 - NSF/NCAR GV Dropsonde Winds 700hPa
 - NSF/NCAR GV Dropsonde Winds 850hPa
 - NSF/NCAR GV Dropsonde Points
@ 2014-06-20 10:13 UTC
 - NSF/NCAR GV Dropsonde Plan
@ 2014-06-20 06:43 UTC
 - NSF/NCAR GV Flight Track
@ 2014-06-20 10:26 UTC
 - NSF/NCAR GV Flight Plan

Catalog Maps Tool

Current Time

Time Controls

Map Time: 2014-06-20 10:27 UTC
[Reset to Latest](#)

Time Step

back 10 minutes forward

Date / Time Select

June 2014

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
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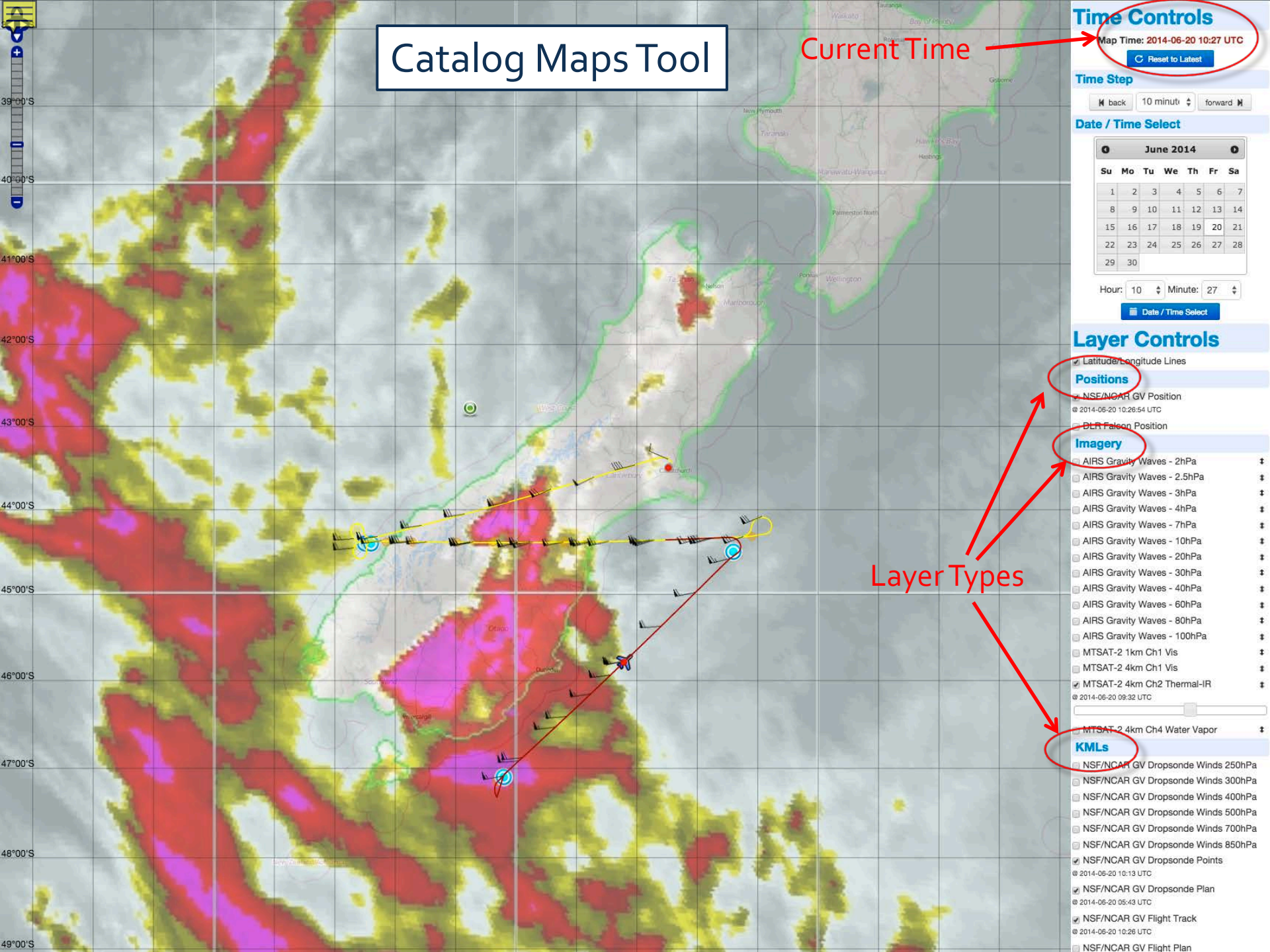
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- AIRS Gravity Waves - 20hPa
- AIRS Gravity Waves - 30hPa
- AIRS Gravity Waves - 40hPa
- AIRS Gravity Waves - 60hPa
- AIRS Gravity Waves - 80hPa
- AIRS Gravity Waves - 100hPa
- MTSAT-2 1km Ch1 Vis
- MTSAT-2 4km Ch1 Vis
- MTSAT-2 4km Ch2 Thermal-IR
@ 2014-06-20 09:32 UTC
- MTSAT-2 4km Ch4 Water Vapor
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- NSF/NCAR GV Dropsonde Winds 700hPa
- NSF/NCAR GV Dropsonde Winds 850hPa
- NSF/NCAR GV Dropsonde Points
@ 2014-06-20 10:13 UTC
- NSF/NCAR GV Dropsonde Plan
@ 2014-06-20 06:43 UTC
- NSF/NCAR GV Flight Track
@ 2014-06-20 10:26 UTC
- NSF/NCAR GV Flight Plan

Layer Types



Catalog Maps Tool

Current Time

Time Controls

Map Time: 2014-06-20 10:27 UTC
[Reset to Latest](#)

Time Step
back 10 minutes forward

Date / Time Select

June 2014

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
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22	23	24	25	26	27	28
29	30					

Hour: 10 Minute: 27
[Date / Time Select](#)

Layer Controls

- Latitude/Longitude Lines
- Positions**
- NSF/NCAR GV Position
2014-06-20 10:26:54 UTC
- DLN Falcon Position

Imagery

- AIRS Gravity Waves - 2hPa
- AIRS Gravity Waves - 2.5hPa
- AIRS Gravity Waves - 3hPa
- AIRS Gravity Waves - 4hPa
- AIRS Gravity Waves - 7hPa
- AIRS Gravity Waves - 10hPa
- AIRS Gravity Waves - 20hPa
- AIRS Gravity Waves - 30hPa
- AIRS Gravity Waves - 40hPa
- AIRS Gravity Waves - 60hPa
- AIRS Gravity Waves - 90hPa
- AIRS Gravity Waves - 100hPa
- MTSAT-2 1km Ch1 Vis
- MTSAT-2 4km Ch1 Vis
- MTSAT-2 4km Ch2 Thermal-IR
2014-06-20 09:32 UTC
- MTSAT-2 4km Ch4 Water Vapor

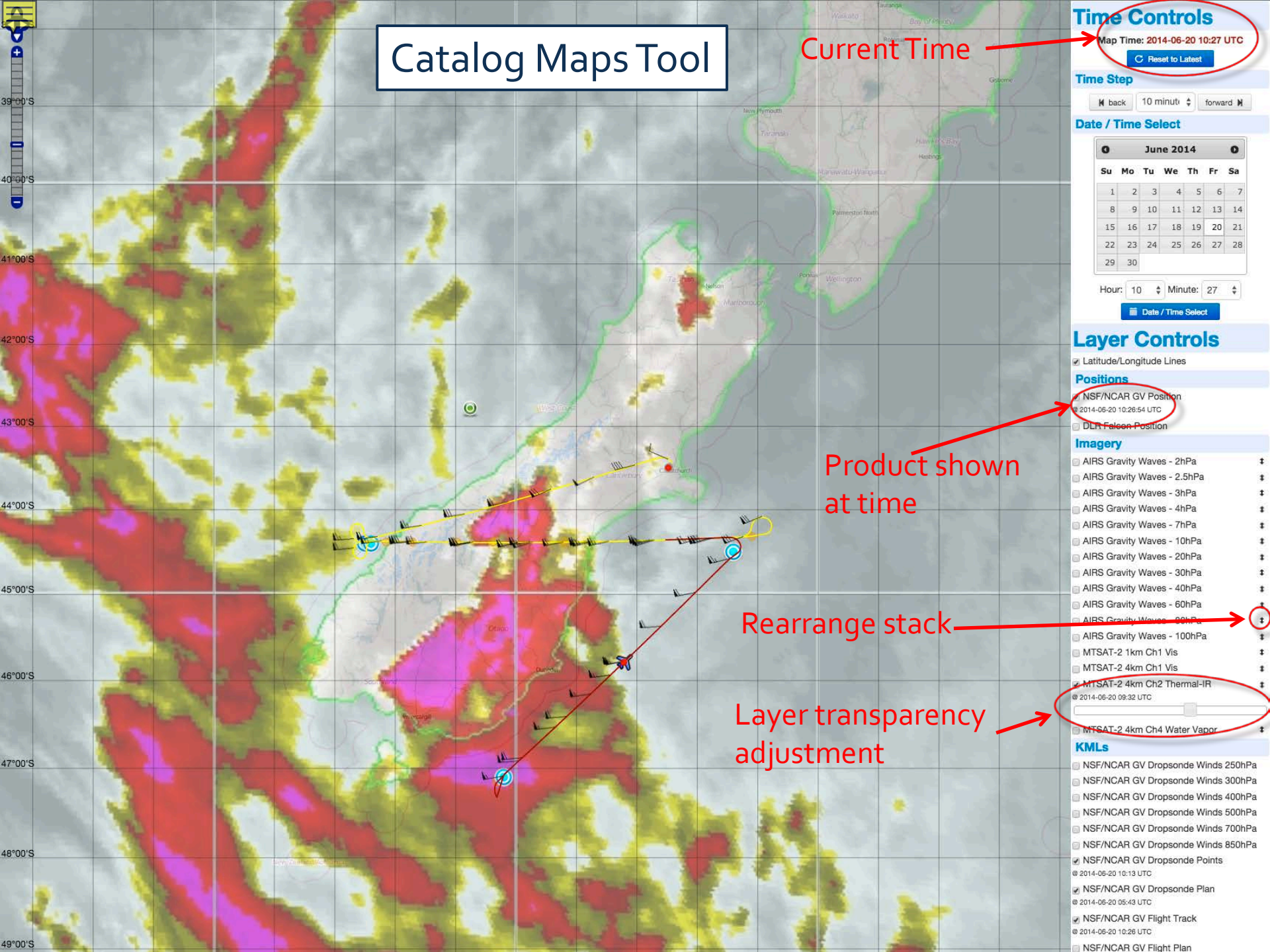
KMLs

- NSF/NCAR GV Dropsonde Winds 250hPa
- NSF/NCAR GV Dropsonde Winds 300hPa
- NSF/NCAR GV Dropsonde Winds 400hPa
- NSF/NCAR GV Dropsonde Winds 500hPa
- NSF/NCAR GV Dropsonde Winds 700hPa
- NSF/NCAR GV Dropsonde Winds 850hPa
- NSF/NCAR GV Dropsonde Points
2014-06-20 10:13 UTC
- NSF/NCAR GV Dropsonde Plan
2014-06-20 06:43 UTC
- NSF/NCAR GV Flight Track
2014-06-20 10:26 UTC
- NSF/NCAR GV Flight Plan

Product shown at time

Rearrange stack

Layer transparency adjustment



Catalog Maps Tool

Interactivity – Dropsonde SkewT plots

Time Controls

Map Time: 2014-06-20 10:27 UTC

[Reset to Latest](#)

Time Step

[back](#) 1 minute [forward](#)

Date / Time Select

June 2014

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Hour: 10 Minute: 27

[Date / Time Select](#)

Layer Controls

Latitude/Longitude Lines

Positions

NSF/NCAR GV Position

© 2014-06-20 10:26:54 UTC

DLR Falcon Position

Imagery

AIRS Gravity Waves - 2hPa

AIRS Gravity Waves - 2.5hPa

AIRS Gravity Waves - 3hPa

AIRS Gravity Waves - 4hPa

AIRS Gravity Waves - 7hPa

AIRS Gravity Waves - 10hPa

AIRS Gravity Waves - 20hPa

AIRS Gravity Waves - 30hPa

AIRS Gravity Waves - 40hPa

AIRS Gravity Waves - 60hPa

AIRS Gravity Waves - 80hPa

AIRS Gravity Waves - 100hPa

MTSAT-2 4km Ch1 Vis

MTSAT-2 4km Ch2 Thermal-IR

© 2014-06-20 09:32 UTC

MTSAT-2 4km Ch4 Water Vapor

KMLs

NSF/NCAR GV Dropsonde Winds 250hPa

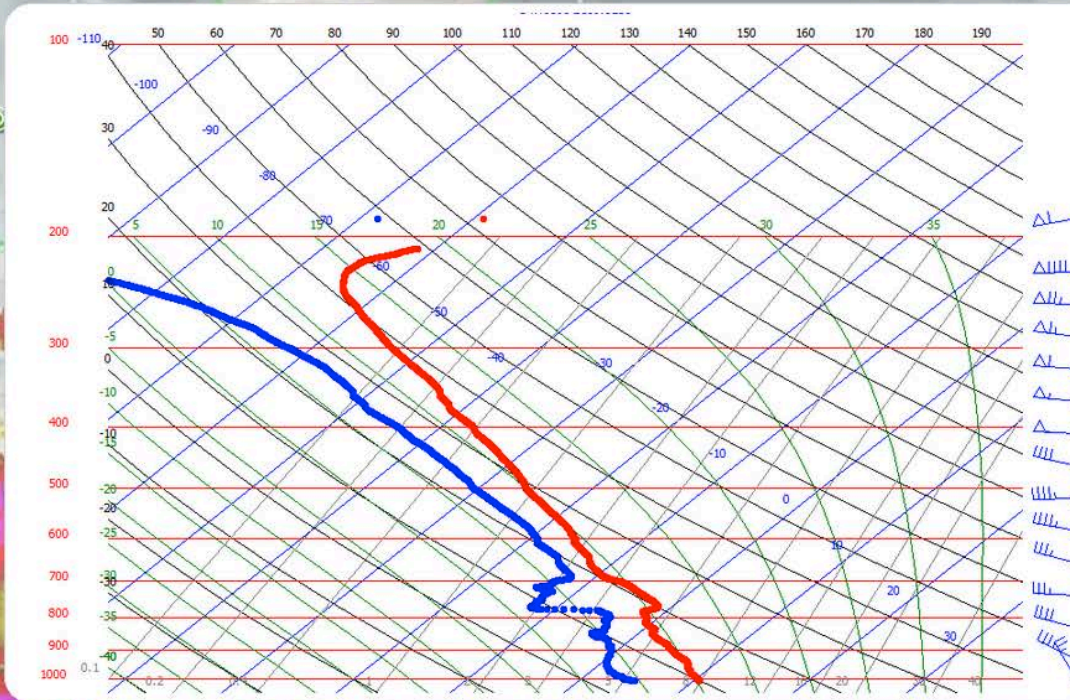
NSF/NCAR GV Dropsonde Winds 300hPa

NSF/NCAR GV Dropsonde Winds 400hPa

NSF/NCAR GV Dropsonde Winds 500hPa

NSF/NCAR GV Dropsonde Winds 700hPa

NSF/NCAR GV Dropsonde Winds 850hPa



Mouse Position:
40.085°S, 171.789°E

Catalog Maps Tool

Interactivity – Flight Track information

10:27 N677F

Lat : -45.695202 deg_N
Lon : 171.923004 deg_E
Alt : 39961 feet
Temp : -61.03 C
DP : -68.01 C
WS : 55.65 knots
WD : 263.61 degree_T
WI : -0.33 m/s

Mouse Position:
38.203°S, 165.990°E

Catalog Maps / DEEPWAVE

Time Controls

Map Time: 2014-06-20 10:27 UTC

Reset to Latest

Time Step

back 1 minute forward

Date / Time Select

June 2014						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
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Hour: 10 Minute: 27

Date / Time Select

Layer Controls

Latitude/Longitude Lines

Positions

NSF/NCAR GV Position

2014-06-20 10:26:54 UTC

DLR Falcon Position

Imagery

AIRS Gravity Waves - 2hPa

AIRS Gravity Waves - 2.5hPa

AIRS Gravity Waves - 3hPa

AIRS Gravity Waves - 4hPa

AIRS Gravity Waves - 7hPa

AIRS Gravity Waves - 10hPa

AIRS Gravity Waves - 20hPa

AIRS Gravity Waves - 30hPa

AIRS Gravity Waves - 40hPa

AIRS Gravity Waves - 60hPa

AIRS Gravity Waves - 80hPa

AIRS Gravity Waves - 100hPa

MTSAT-2 1km Ch1 Vis

MTSAT-2 4km Ch1 Vis

MTSAT-2 4km Ch2 Thermal-IR

2014-06-20 09:32 UTC

MTSAT-2 4km Ch4 Water Vapor

KMLs

NSF/NCAR GV Dropsonde Winds 250hPa

NSF/NCAR GV Dropsonde Winds 300hPa

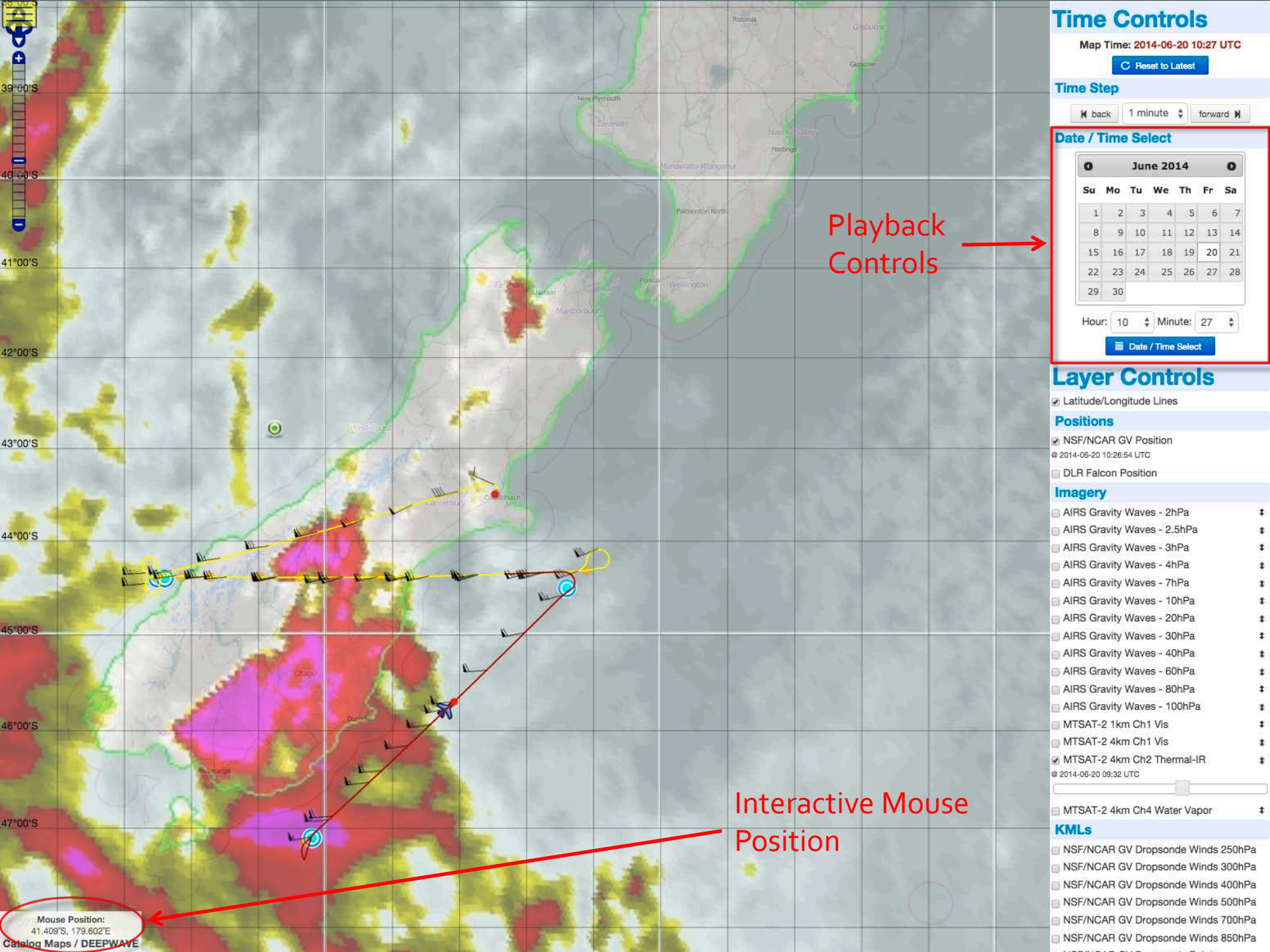
NSF/NCAR GV Dropsonde Winds 400hPa

NSF/NCAR GV Dropsonde Winds 500hPa

NSF/NCAR GV Dropsonde Winds 700hPa

NSF/NCAR GV Dropsonde Winds 850hPa

NSF/NCAR GV Dropsonde Winds 950hPa



Time Controls

Map Time: 2014-06-20 10:27 UTC

[Reset to Latest](#)

Time Step

[back](#) 1 minute [forward](#)

Date / Time Select

June 2014

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Hour: 10 Minute: 27

[Date / Time Select](#)

Layer Controls

Latitude/Longitude Lines

Positions

NSF/NCAR GV Position

@ 2014-06-20 10:26:54 UTC

DLR Falcon Position

Imagery

- AIRS Gravity Waves - 2hPa
- AIRS Gravity Waves - 2.5hPa
- AIRS Gravity Waves - 3hPa
- AIRS Gravity Waves - 4hPa
- AIRS Gravity Waves - 7hPa
- AIRS Gravity Waves - 10hPa
- AIRS Gravity Waves - 20hPa
- AIRS Gravity Waves - 30hPa
- AIRS Gravity Waves - 40hPa
- AIRS Gravity Waves - 60hPa
- AIRS Gravity Waves - 80hPa
- AIRS Gravity Waves - 100hPa
- MTSAT-2 1km Ch1 Vis
- MTSAT-2 4km Ch1 Vis
- MTSAT-2 4km Ch2 Thermal-IR

KMLs

- NSF/NCAR GV Dropsonde Winds 250hPa
- NSF/NCAR GV Dropsonde Winds 300hPa
- NSF/NCAR GV Dropsonde Winds 400hPa
- NSF/NCAR GV Dropsonde Winds 500hPa
- NSF/NCAR GV Dropsonde Winds 700hPa
- NSF/NCAR GV Dropsonde Winds 850hPa

Playback Controls →

Interactive Mouse Position

Mouse Position:
41.409°S, 179.602°E
Catalog Maps / DEEPWAVE

Field Catalog – Other Features

Mission Table – to track project highlights, provide quick links to products, reports

IRC Chat for real-time comms – Mibbit web client + mobile clients

Data Sharing – passwd protected ftp site for preliminary data

Help Pages – How to use the various catalog features

Upload Guide – How to get products into the Field Catalog

Tools & Links – for reference info, project links, etc.

Footer info – Phone numbers, web conferencing info, etc.

Field Catalog – 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?

Field Catalog – Next Steps (cont.)

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?

Field Catalog – Support

The Field Catalog will be on-line by mid-June to give you time to become familiar with it at the beginning of the campaign.

John Allison will be on-site in Seattle for the first three weeks of the campaign.

John will do a tutorial on how to use the Field Catalog in Seattle once the campaign begins. He and I will also be available in June to answer questions as the Field Catalog comes on-line and you start to think about uploading your products to it.

for more information, contact:

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catalog.eol.ucar.edu/cset