

RICO DATA MANAGEMENT STATUS UPDATE

Steve Williams

UCAR/Joint Office for Science Support (JOSS)

Boulder, Colorado

RICO Data Workshop

Boulder, CO

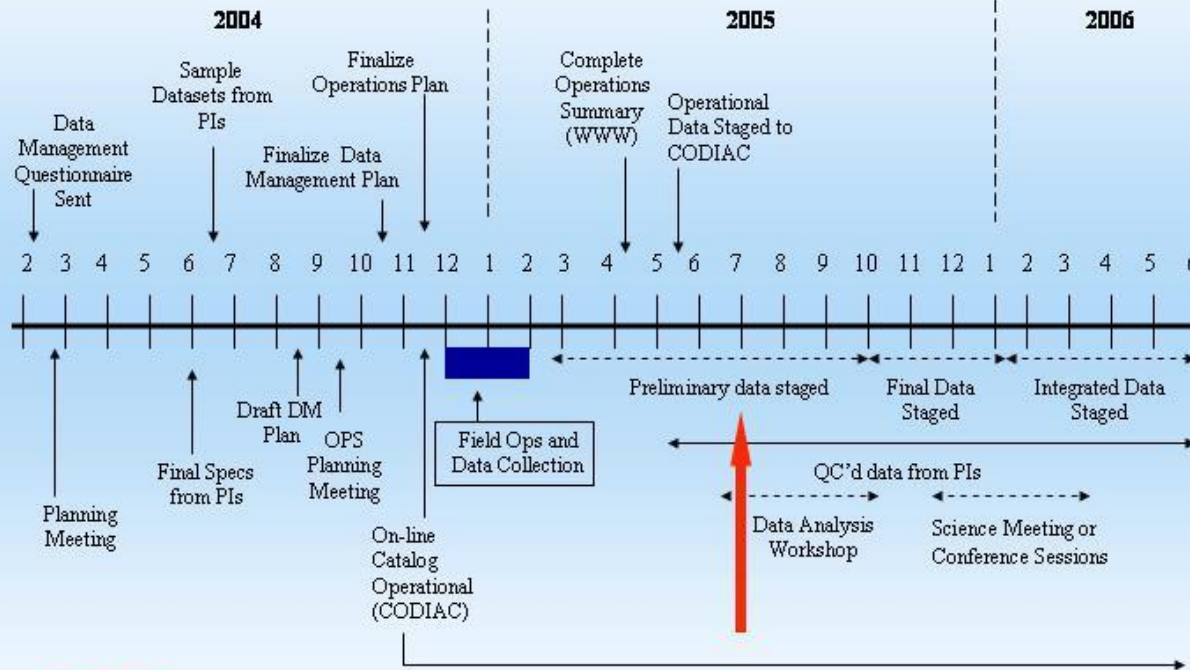
27-28 June 2005

RICO

**Rain In Cumulus over the Ocean
Experiment**



RICO Data Management Timeline



RICO

Gain In Cumulus over the Ocean Experiment



JOSS DATA MANAGEMENT ACTIVITIES

- ◆ Maintained the RICO on-line Field Catalog → Began loading products into the final archive (CODIAC)
- ◆ Continued development of the RICO "home" and Data Management web pages including all project information and relevant links
- ◆ Working with the RICO PIs to get identified data sets organized → Implemented data set submission guidelines
- ◆ Established a RICO Data Archive Center (RDAC) which provides data distribution/support for the PIs and the general scientific community. This includes comprehensive seamless access to all operational and research data sets through a "one-stop" distributed data archive
- ◆ Began Staging Operational and Research data sets to CODIAC



RICO Support Pages (Frames) at JOSS - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.joss.ucar.edu/rico/

Getting Started Colorado Weather Forecast Models stu@ecomail.org Scot's Weather Text... Scot's Weather Ima... AT&T: Directory Assi... CNN.com



Rain In Cumulus over the Ocean

JOSS Support Pages

Data Management Policy Documentation and Format Guidelines Data Submissions Instructions

Home

RICO Home Page (U IL)

NCAREOL RICO Page

Scientific Overview

Meeting Presentations

RICO Twild Page

RICO Disc. Forums

Seminars 

Operations

Ops Plan

RICO Project Book

Overpass Schedules

Deployment Schedule

Field Catalog

Data Management

Data Management Page

Data Policy

Data Access

Investigators

Contact Info

Related Links

Bjorn's RICO Page

Gabor's RICO Page

UCSC RICO Page



Welcome to the RICO Support pages at JOSS.

To navigate these pages:

- Important data documentation are linked on the green bar across the top of the page.
- The left hand navigation bar provides access to important information about the RICO Project including: the RICO Home Page at U of Illinois, the JOSS Field Catalog, Data Archive, and Data Management pages.
- Please send questions, comments or concerns regarding these web pages to [Greg Stossmeister](mailto:Greg.Stossmeister).

-----News-----

NEW The [Agenda](#) for the upcoming Data Workshop Retreat is now available.

The Seminars given by investigators in Antigua are now available. Click on "Seminars" in the first section on the left-hand navigation bar.

The latest version of the RICO Operations Plan (11/04/04) is now available. Click on the *Ops Plan* link on the left-hand navigation bar.

Done

RICO METEOROLOGICAL OVERVIEW

by Kathy-Ann Caesar

Caribbean Institute for Meteorology and Hydrology

- Daily Synoptic Weather Summaries
- Monthly Statistics
- Forecast Criteria and Indices
- Specific Discussions on:
 - Subtropical Jet Stream
 - Low Level Troughs
 - Trade Wind Inversion
 - Vertical Wind Regime
 - K-Index

Summary of the Weather during the RICO project - December 5th, 2004 and January 24th, 2005

Kathy-Ann L. Caesar
Caribbean Institute for Meteorology and Hydrology

Abstract

The Rain In Cumulus over the Ocean Experiment (RICO) was designed and carried out to study the properties of the trade wind cumulus and its associated precipitation. The project was centred on the Caribbean islands of Antigua and Barbuda.

The climatology of the islands and surrounding area did exhibit the ideal conditions of such a project. The area is within the Leeward Islands, considered the drier region of the Eastern Caribbean, and subject to the prevailing trade wind cumulus clouds as the predominant cloud type.

During the two month long operational phase of the project the weather over the RICO domain was influenced by the expected weather phenomena that normally traverse the region. These included one tropical wave, a number of upper level troughs, and weak cold fronts during the latter part of the project. Rainfall amounts were below the climatological average. The domain was overcast or dominated by deep convective conditions for less than 5% of the period, and on a few occasions the cumulus clouds were very shallow and sparse. In general, the prevailing weather did allow for good observational conditions and hopefully the optimal data collection.

1. Introduction

The Rain In Cumulus over the Ocean Experiment (RICO) was centred on the islands of Antigua and Barbuda in the Leeward Island chain of the Caribbean. The climatology of the area is conducive to the RICO objectives, which were to investigate the properties of trade wind cumulus and the precipitation associated with cumulus clouds (Savijärvi et al). The islands are located on the north-eastern edge of the Caribbean island chain. The islands are within the transitional region of the trade wind belt and the subtropics. Therefore the weather is dominated by the northeast trade winds and subject to the interception of subtropical highs which often limit the vertical development of cumulus clouds.



RICO Data Management



Data Policy

Data Submission

- Dataset Documentation Guidelines
- Data Submission Instructions

Distributed RICO Long-Term Data Archive

- Data Access
- Data Information Links
 - WHOI Buoy Data from 51W 15N
 - NDBC Caribbean Buoy Observations
 - NOAA Marine Observations
 - US ARGO
 - NOAA Drifting Buoy Center
 - Pilot Research Moored Array in the Tropical Atlantic (PIRATA) Home Page
 - High Density XBT Lines
 - Satellite Data Information Links
 - Caribbean Institute for Meteorology and Hydrology Data Archive

Documents

- RICO Operations Plan
- RICO Science Overview
- Maps of Meteorological Networks in the RICO Region
- RICO Data Questionnaire
 - Responses

Collaborating Projects

- VAMOS Ocean-Cloud-Atmosphere-Land Study (VOCALS)

Other Links

- UIUC RICO Home Page
- JOSS RICO Home Page
- Puerto Rico NWSFO
- Meteo France Antilles-Guyane (best viewed in IE)
- Antigua & Barbuda Meteorological Services (best viewed in IE)
- Caribbean Institute for Meteorology and Hydrology
- Explorer of the Seas (University of Miami)

<http://www.joss.ucar.edu/rico/dm>

RICO DATA POLICY SUMMARY

- **All investigators must agree to promptly submit their data to the RICO archive**
- **All data shall be provided to other RICO Investigators upon request**
- **During the initial 1-year data analysis period, data may be provided to a third party only with the permission of the investigator(s) who collected the data**
- **All data will be considered public domain not more than 1-year following the end of the RICO field phase**
- **Any use of the data will, at a minimum, include acknowledgment. Co-authorship TBD with the investigator(s) who collected the data**

RICO DATA POLICY SUMMARY

- **All investigators participating in RICO must agree to promptly submit their data to the RICO Data Archive Center (RDAC) to facilitate intercomparison of results, quality control checks and inter-calibrations, as well as an integrated interpretation of the combined data set.**
- **All data shall be promptly provided to other RICO investigators upon request. A list of RICO investigators will be maintained by the RICO Project Office and will include the Principle Investigators (PIs) directly participating in the field experiment as well as collaborating scientists who have provided guidance in the planning and analysis of RICO data.**
- **During the initial data analysis period (one year following the end of the field phase; 25 January 2005), if data are provided to a third party (journal articles, presentations, research proposals, other investigators) the investigator who collected the data must be notified first. This initial analysis period is designed to provide an opportunity to quality control the combined data set as well as to provide the investigators ample time to publish their results.**
- **All data will be considered public domain not more than one year following the end of the RICO field phase. Data can be opened to the public domain earlier depending on the discretion of the data provider. There will be exceptions where extensive data processing is required.**
- **Any use of the data will include acknowledgment (i.e., citation). Co-authorship during the one year analysis phase will be at the discretion of the investigator(s) who collected the data.**

RICO DATASET METADATA

TITLE: This should match the data set name AUTHOR(S):

- Name(s) of PI and all co-PIs
- Complete mailing address, telephone/facsimile Nos.,
- E-mail address of PIs, and WWW address (if applicable)
- Similar contact information for data questions (if different than above)

1.0 DATA SET OVERVIEW:

- Introduction or abstract
- Time period covered by the data
- Physical location (including lat/lon/elev) of the measurement or platform
- Data source if applicable (e.g. for operational data include agency)
- Any World Wide Web address references (i.e. additional documentation such as Project WWW site)

2.0 INSTRUMENT DESCRIPTION:

- Brief text (i.e. 1-2 paragraphs) describing the instrument with references
- Figures (or links), if applicable
- Table of specifications (i.e. accuracy, precision, frequency, resolution, etc.)

3.0 DATA COLLECTION AND PROCESSING:

- Description of data collection
- Description of derived parameters and processing techniques used
- Description of quality control procedures
- Data intercomparisons, if applicable

4.0 DATA FORMAT:

- Data file structure and file naming conventions (e.g. column delimited ASCII, NetCDF, GIF, JPEG, etc.)
- Data format and layout (i.e. description of header/data records, sample records)
- List of parameters with units, sampling intervals, frequency, range
- Data version number and date
- Description of flags, codes used in the data, and definitions (i.e. good, questionable, missing, estimated, etc.)

5.0 DATA REMARKS:

- PI's assessment of the data (i.e. disclaimers, instrument problems, quality issues, etc.)
- Missing data periods
- Software compatibility (i.e. list of existing software to view/manipulate the data)

6.0 REFERENCES:


- List of documents cited in this data set description

JOSS/RICO FIELD CATALOG - Home - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.joss.ucar.edu/rico/catalog/

Getting Started Colorado Weather Forecast Models "stu@comail.org" <... Scot's Weather Text... Scot's Weather Ima... AT&T: Directory Assi... CNN.com



RICO Field Catalog



Catalog Home	Reports	Operational Products	Model/Forecast Products	Research Products	Missions	Tools & Links
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Project Location: Antigua and Barbuda
Project Dates: 17 November 2004 through 24 January 2005



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

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Done



RICO Field Catalog



Field Documentation

Operations Summary

Instrument / Facility Status

Forecast Briefing

Mission Summary

Scientist Summary

RICO Field Catalog									
Getting Home Reports Operational Products Model Forecast Products Research Products Missions Tools & Links									
Operation Reports Status Reports Resource Usage									
Date(UTC)	RAE-146 mission summary	NOAE C-130 mission summary	KV Johnson daily summary	UW Kag-Air mission summary	aircraft alert	facility status summary	ops plan of the day	weather NOWCAST	weather summary
20050125			21.11						
20050124	19.00	18.00	20.20	11.20					
20050123	18.00	18.00	20.22			20.00	18.22		12.00 19.00
20050122			20.22			17.40	18.46		13.00 19.00
20050121	17.30		20.20	18.00		14.40	14.02		13.00 19.00
20050120			14.22			20.24	20.22		19.00
20050119	21.00	12.16	14.44	16.00		18.10	18.22		13.00 19.00
20050118	20.00	11.00	21.40	12.20		18.20	19.50		13.00 19.00
20050117			21.42			21.11	20.28		13.00 19.00
20050116		14.00	21.20			20.28	18.42		13.00 19.00
20050115	17.00					18.04	18.52		19.00
20050114	12.00	14.00				12.44	12.00		12.00 19.00
20050113						21.24	21.30		19.00
20050112	11.00	12.12	21.20			21.02	20.24		13.00 19.00 20.00
20050111		14.00			12.00	21.10	21.20		13.00 19.00 20.00
20050110	15.46		20.22			19.22	21.22		13.00 19.00 20.20
20050109			04.00	18.00		19.20	21.10		12.00 18.00 15.20
20050108						20.14	20.20		12.22 21.00



RICO Facilities Status Summary Report

Date of report(UTC): 2005/01/15 18:04

Author of report: Greg Stossmeister

Submitted at(UTC): 2005/01/15 18:08

OVERVIEW:

Land radars operational
Barbuda soundings taken 4/day
BAE-146 and UW King-Air flying today. Hard-down day for the NCAR C-130.

R/V Johnson on port call in Antigua today.
Antigua air sampling site fully operational

FACILITY/PROJECT STATUS

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

1	NCAR C-130	Comment: See also detailed instrument status report
	■ Air Chemistry	Comment:
	■ Microphysics	Comment:
	■ SABL	Comment: replacement parts shipped
	■ Dropsondes	Comment:
	■ Navigation, State Parameters	Comment: Lyman alpha performing better
	■ Data System	Comment:
	■ Sat. Communications	Comment:
2	UW King Air	Comment:
	■ Air Chemistry	Comment:
	■ Microphysics	Comment:
	■ Cloud Radar	Comment: New parts due in next week



Mission Scientist Report, RICO, RF15 January 16th, 2005

C130Q Flight Scientist/Observer: Stevens/Ochs



Figure 1: Images showing cloud field during flight.

General cloud characteristics: The clouds sampled during the line segment of the flight were initially thought to be in the outflow of a region of more organized, deeper convection. Our targets consisted of several convective cells which grew substantially during the period of flight operations, eventually reaching depths of 15000'. Based on the radar imagery (Fig. 3), the "line" might be better interpreted as the stronger, eastern, flank of meso-cell of approximately 60 km in diameter. Later we sampled another ring, or rings of growing convection with tops nearer 6000 ft, sampling many rainshafts, and convective cells at a variety of levels, these were more apparently annular while flying. Both the deeper cells sampled early and the later cells sampled late were not unlike other forms of convection encountered during RICO. Cloud droplet concentrations during the flight were low, typically around 100 cm^{-3} or a bit less. The latter cells provided many opportunities to work rainshafts near the radar, thus providing calibration for $Z - R$ relationships during RICO.





RICO Field Catalog



Browse by Date:

UTC ST

October 2004							November 2004							December 2004							January 2005						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2	1	2	3	4	5	6				1	2	3	4							1	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	23	24	25	26	27	28	29	
31														26	27	28	29	30	31	30	31						

Browse by Operational Products:

Satellite Products

DMSP	<input type="text" value="OLF_vis"/>	<input type="text" value="Latest"/>	<input type="text" value="Start Date"/>	<input type="text" value="End Date"/>	<input type="button" value="Get Data"/>
GOES	<input type="text" value="winds_JR"/>	<input type="text" value="Latest"/>	<input type="text" value="Start Date"/>	<input type="text" value="End Date"/>	<input type="button" value="Get Data"/>
goes-12	<input type="text" value="1km_ch1_vis"/>	<input type="text" value="Use Start/End Dates ->"/>	<input type="text" value="2005/01/10"/>	<input type="text" value="2005/01/11"/>	<input type="button" value="Get Data"/>
MODIS	<input type="text" value="Aqua_650_ch1"/>	<input type="text" value="Latest"/>	<input type="text" value="Start Date"/>	<input type="text" value="End Date"/>	<input type="button" value="Get Data"/>
POES	<input type="text" value="sst"/>	<input type="text" value="Latest"/>	<input type="text" value="Start Date"/>	<input type="text" value="End Date"/>	<input type="button" value="Get Data"/>
QUIKSCAT	<input type="text" value="ANTIGUA_winds_ascending"/>	<input type="text" value="Latest"/>	<input type="text" value="Start Date"/>	<input type="text" value="End Date"/>	<input type="button" value="Get Data"/>
SEAWIFS	<input type="text" value="atlantic"/>	<input type="text" value="Latest"/>	<input type="text" value="Start Date"/>	<input type="text" value="End Date"/>	<input type="button" value="Get Data"/>



RICO Field Catalog



Operational Products Display

Satellite

Surface

Model Analysis

Upper-Air Soundings

Buoy Data

Marine Products

QUICKSCAT																								
ANTIGUA_winds_ascending																							1700	
ANTIGUA_winds_descending					0000																			
EAST_winds_ascending																						1000		
EAST_winds_descending					0000																			
goes-12 (NESDIS GOES Sounder)																								
1km_ch1_vis																							SP	
4km_ch1_vis																							SP	
4km_ch2-4																							SP	
4km_ch3_water_vapor																							SP	
4km_ch4_thermal-IR																							SP	
8km_ch1_vis																							SP	
8km_ch3_water_vapor																							SP	
8km_ch4_thermal-IR																							SP	
Product																								
Time(UTC)	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	10 Jan 2005																							

Surface Products																									
10 Jan 2005																									
Product	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Time(UTC)																									
GTS_Station_Plot																									
Caribbean	0000	0130	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
Regional	0000	0130	0300	0330	0430	0530	0630	0730	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
NTAS_Buoy																									
time_sens_rad_rh	0000					0000																			
time_sens_temp_winds	0000					0000																			
TPC_Surface_Analysis																									
atlantic	0000					0000																			

UCAR Office of Programs
University Corporation for Atmospheric Research



RICO Mission Table

Note: FF and RF refer to NCAR C-130 datafile name. B refers to BAE-146 data, and MMDD (2-digit month, 2-digit day) refer to Wyoming datafile name with a and b used when multiple flights occur in a given day.

Number	Date	Mission	Begin (UTC)	End (UTC)	Location/Mission Map	Catalog Products	Facilities	Notes
17 RF-12 UW-20050111	11 Jan	Trade Cumulus Study C-130 Summary	1400	2200	NE of Barbuda in S- and k- band radar coverage, near the ship, and SE of S-Polka.	Operational Research Model	UW King-Air NCAR C-130 R/V Seward Johnson S-Polka Barbuda Ground Site Antigua Air sampling site GOES super-rapid scan	Excellent case study of small and vigorous trade cumulus. King-Air and C-130 flew in different radar sectors to study clouds near the ship and SE of the radar. Excellent intercomparison with the ship by the C-130.
18 RF-13 B073 UW-20050112	12 Jan	Trade Cumulus Clusters with Towers C-130 Summary BAE-146 Summary	1400	2200	NE of Barbuda in S- and k- band radar coverage, generally E and SE of the ship.	Operational Research Model	UW King-Air BAE-146 NCAR C-130 R/V Seward Johnson S-Polka Barbuda Ground Site Antigua Air sampling site GOES super-rapid scan	Coordinated 3 aircraft study of cumulus clusters with towers. BAE-146 overflight of ship.
19 RF-14 B074 UW-20050114	14 Jan	Trade Cumulus Study C-130 Summary BAE-146 Summary	1500	2300	NE of Barbuda in S- and k- band radar coverage, near the ship.	Operational Research Model	UW King-Air BAE-146 NCAR C-130 R/V Seward Johnson S-Polka Barbuda Ground Site Antigua Air sampling site GOES super-rapid scan	Three aircraft coordinated measurements of widespread shallow cumulus.



RICO Field Catalog



RAMS Forecast Products

Forecast Times(UTC)	10 Jan 2005						11 Jan 2005						12 Jan 2005						☰								
	12	14	16	18	20	22	00	02	04	06	08	10	12	14	16	18	20	22		00	02	04	06	08	10	12	
RAMS_grid3 - Analysis and Forecast from 2005/01/10 12:00 UTC (RAMS RICO FORECASTS)																											
300mb_RH	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
300mb_speed	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
300mb_temp	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
500mb_RH	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
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700mb_RH	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
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850mb_RH	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
850mb_speed	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
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acc_tot_precip	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
mixed_layer_height	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
precip_rate	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
sea_level_press	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
sfc_dew	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
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sfc_wind	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
vert_integ_condensate	00hr	02hr	04hr	06hr	08hr	10hr	12hr	14hr	16hr	18hr	20hr	22hr	24hr	26hr	28hr	30hr	32hr	34hr	36hr	38hr	40hr	42hr	44hr	46hr	48hr	☰	
Forecast Times(UTC)	12	14	16	18	20	22	00	02	04	06	08	10	12	14	16	18	20	22	00	02	04	06	08	10	12		
	10 Jan 2005						11 Jan 2005						12 Jan 2005														





RICO Field Catalog



Browse by Research Products:

Aircraft Products

NCAR_C-130	Dropsonde	Latest	Start Date	End Date	Get Data
sabl	gdb	Latest	Start Date	End Date	Get Data
UW_King-Air	WCR_H1_up_side	Latest	Start Date	End Date	Get Data

Radar Products

S-Pol	dbz	Latest	Start Date	End Date	Get Data
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Surface Products

Antigua_Sampling_Site	Humidity	Latest	Start Date	End Date	Get Data
ISFF	Met	Latest	Start Date	End Date	Get Data

Upper Air Products

GAUS_sounding	spanish_point	Latest	Start Date	End Date	Get Data
Seward_Johnson	skewt	Latest	Start Date	End Date	Get Data

Other Products


HYSPLIT	back_trajectories	Latest	Start Date	End Date	Get Data
NAAPS	caribbean_aerosol	Latest	Start Date	End Date	Get Data

RICO DATA ACCESS - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.joss.ucar.edu/rico/dn/archive/index.html









Getting Started Colorado Weather Forecast Models "stu@ecomail.org" <... Scot's Weather Text... Scot's Weather Ima... AT&T: Directory Assi... CNN.com



DATA CATEGORIES

- [Aircraft Data](#)
- [GPS Data](#)
- [GTS Data](#)
- [Land Based Data](#)
- [Model Output](#)
- [Oceanographic Data](#)
- [Precipitation Data](#)
- [Profiler/SODAR Data](#)
- [Radar Data](#)
- [Radiation Data](#)
- [Satellite Data](#)
- [Ship Based Data](#)
- [Upper Air Data](#)

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Radar Data		
NCAR S-band Polarimetric (S-Pol) Data [EOL]		
NCAR S-band Polarimetric (S-Pol) Scan Imagery [EOL]	2005-03-18	
NOAA WSR-88D Data (level 2) [NCDC]	2005-02-13	
NOAA WSR-88D Data (level 3) [NCDC]	2005-02-13	
Radiation Data		
NASA Aeronet Sun Photometer (Holben)	2005-05-10 NEW!	
Satellite Data		
AQUA Orbital Tracks Imagery [NASA/LaRC]	2005-02-28	
DMSP Data [NOAA/NSIDC]	2005-01-29	
DMSP SSM/I Derived Products - Data [NOAA/ETL]	2005-01-29	
DMSP SSM/I Derived Products, cloud liquid water images - Imagery [NOAA/ETL]	2005-01-29	

Done

RICO DATA MANAGEMENT ISSUES

- Need RICO photo distribution policy and protocol
- During the presentations, all investigators are asked to:
 - Identify Data Sets to be submitted to the archive
 - Estimate Data Submission Date(s)
 - Address any additional Data Requirements
- Access to ECMWF High Resolution Supplemental Fields?
- Need for Data "Composites" (e.g. Upper Air)?
- Are there any other Data Integration Needs?

RICO Data Management and Access: <http://www.joss.ucar.edu/rico/dm>

Questions or Comments: Contact Steve Williams at: sfw@ucar.edu

RICO Planning Meeting

September 1-2, 2004
 NCAR Center Green Campus
 Main Auditorium - Building

NOTE: Multiple Agenda items by Bob Rauber and Harry Ochs point to the same powerpoint presentation link. The same is true for multiple items under Dick Dirks.

Bob Rauber	Welcome	8:30 am
Facilities Deployment and Plan		
Dick Dirks	Operation Center & Logistics	8:45 am
Brigitte Baeuerle	Logistics	9:00 am
Mike Daniels	Communications & Network IDV for RICO	9:15 am
Jorgen Jensen	C-130 Deployment	9:30 am
Larry Oolman	King Air Deployment	9:45 am
Sonia Lasher-Trapp	BAE-146 Deployment	10:00 am
COFFEE BREAK		
J. Vivekanandan	S-PolKa Radar Deployment	10:45 am
Bruce Albrecht	Seward Johnson Ship Deployment	11:00 am
Steve Semmer	ISFF(PAM)	11:15 am
Terry Hoch	Drosondes	11:25 am
Ned Chamberlain	GLASS	11:40 am
Olga Mayol	Surface Aerosol Deployment	11:50 am
LUNCH		
	12:00	noon

RICO

Rain In Cumulus over the Ocean
Experiment

.... Finally, please provide JOSS a copy of your presentation for Workshop Documentation.

A slideshow of your presentation (not the PPT file) will be posted on the RICO web pages

