

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center

Fit ID: 040908 N	From: KMCF	To: KMCF
Fit. No: 04-102	Blk In: 0122 z	Time On: 0112 ³¹ z
ETD: 1730 z	Blk Out: 1720 z	Time Off: 1729 z
ETE: 8+00	Blk Time: 7+58 (80) Hrs	Flt Time: 7+43 (7.7) Hrs
Sponsoring Org: National Hurricane Center	Program: Surveillance	Purpose: IVan

AOC Flight Crew

Aircraft Commander: Finke, M	Data System: Goldstein, A
Co-Pilot: Hagen, J; Boston, R	AVAPS: Rolles, J ✓
Navigator: /	System Eng: /
Flight Eng: /	A A: /
Flight Director: Mayeaux, M; Parish, J	A A: /
Avionics: Carpenter, D ✓	Crew Chief: /

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Dunion, J	Haps	HRO
Odell, W	Obs	Aoc

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Storm Name: Tcal19 1800Z-0000Z 10,000ft

Mission ID: 1316 06743 285/15kt

Penetration number and time

NOAA 9 0909A IVAN

Venezuela - Tops above our flight level.

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Flight ID: 040908N Time Off: 1729 Z Time On: 0112 Z

A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
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Pressure	1014.1 mb	2995 (1014.2) mb	1012.5 mb (1012.5) 2990 mb
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ATIS	Time	Observation
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Takeoff	NA Z	A2996 1500KT
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Land	2055Z	16011KT 75m Fw1030 Sct100 Bkn250 29kt4 A2991
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Number	Data Disposition / Date / Quality
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Flight Level Tapes	
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Radar Tapes	
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Cloud Physics Tapes / CDs	
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Video Tapes	
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Dropsondes	18	Good:	7	Bad:	1
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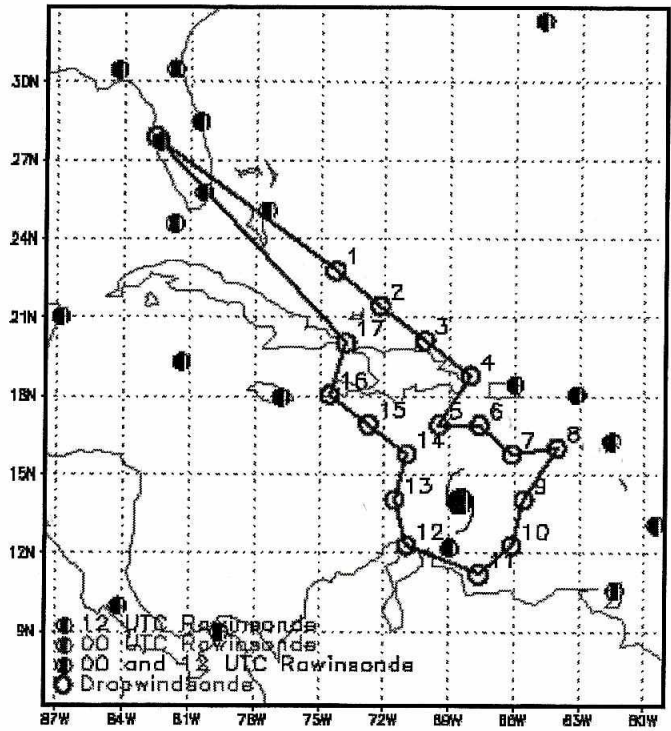
AXBT	
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AXCP	
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AXCTD	
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Remarks:

0 Tilt 1.75°
 Something happened at 2116Z Shows up in APl32 (AT1,2,4) (AKR01x2), BPS,
 DBPI went Bad at 2150Z w/ change of altitude
 Both TDS balanced from 1820Z - 1831Z. Both TDS showed spikes when changing altitude @ 2021 and 2300Z. Big spike due to something at 2116Z
 DPRE out to lunch. Use DPRE
 008Z, huge spike in SSR01



CHASE COLY/IBES

2004-08-07-11:10

AC

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: FRANCES

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 08/1730Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
17	22 45	74 15		1:24
16	21 25	72 10		1:43
15	20 05	70 05		2:02
14	18 45	68 00		2:22
13	16 51	69 26		2:41
12	16 51	67 34		2:55
11	15 46	66 04		3:10
10	16 00	64 00		3:26
9	14 00	65 30		3:46
8	12 14	66 04		4:01
7	11 09	67 34		4:16
6	12 14	70 56		4:45
5	14 00	71 30		5:00
4	15 46	70 56		5:15
3	16 53	72 43		5:32
16	18 00	74 30		5:48
17	20 00	73 45		6:05

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TRACK DISTANCE TABLE

#	LAT (d m)	LON (d/m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	MACDILL			0.	0.	0:00
1	22 45	74 15		544.	544.	1:24
2	18 45	68 00		426.	969.	2:22
3	16 51	69 26		140.	1110.	2:41
4	16 51	67 34		107.	1216.	2:55
5	15 46	66 04		109.	1325.	3:10
6	16 00	64 00		121.	1445.	3:26
7	14 00	65 30		148.	1594.	3:46
8	12 14	66 04		111.	1705.	4:01
9	11 09	67 34		110.	1815.	4:16
10	12 14	70 56		208.	2023.	4:45
11	14 00	71 30		111.	2134.	5:00
12	15 46	70 56		111.	2245.	5:15
13	18 00	74 30		246.	2491.	5:48
14	20 00	73 45		128.	2618.	6:05
15	MACDILL			674.	3292.	7:47
