

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

AOCWFI

Flt ID: 040912N	From: KMCF	To: KMCF
Flt No: 04-	Blk In: 1346	ATA: 1339z
ETD: 0530z	Blk Out: 0511z	ATD: 0523z
ETE: 8+30	Blk Time: 8+35 [8.6]	Flt Time: 8+16 (8.2)
Sponsor Org: NHC	Program: HURR SURV	Purpose: HURR IVAN

AOC Personnel

AC: McCANN, B	Sys Eng: Hill, J
CP: MAXSON, B / FINN, M	Data Sys: BROGAN, D
Nav:	Radar: HORNBECK, C
FE: ROTTEVELL, K	GPS/BT:
FD: FLAHERTY, P	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
KARLAN, J	NAPS	NRD

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

MTD NAAA 2309A IVAN

DIVERTED OVER CUBA BY HAWAII ATCT. MISSED DROP

TEAL 35 6/12z

1926
2025
910-915

0005z
1809
7935
910mb
161 KTS PRVU

2AM 18.4
8.4

Flt ID: 040912N1 Time Off: 0523Z Time On: 1339Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1014.4		1014.6	

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes		

Video

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks TAKE off MCF A2990

Drops

040903N2 27/24

040906N 29/26

040907N 20/20

040910N1 29/25

040911N1 29/28



NOAA G-IV N49RF
2004 Hurricane Season
Hurricane Ivan



Flight ID: N040912N1

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	VEW,VNS
Accelerometer	ACINS
Temperature Probe	AT1
Dew Point Probe	DPR
Altitude (for vertical wind derivation)	PALT
Static/Dynamic Pressure	PS1/QC1
True Air Speed	TAS1
Constants File	49cal041
Project Directory	406

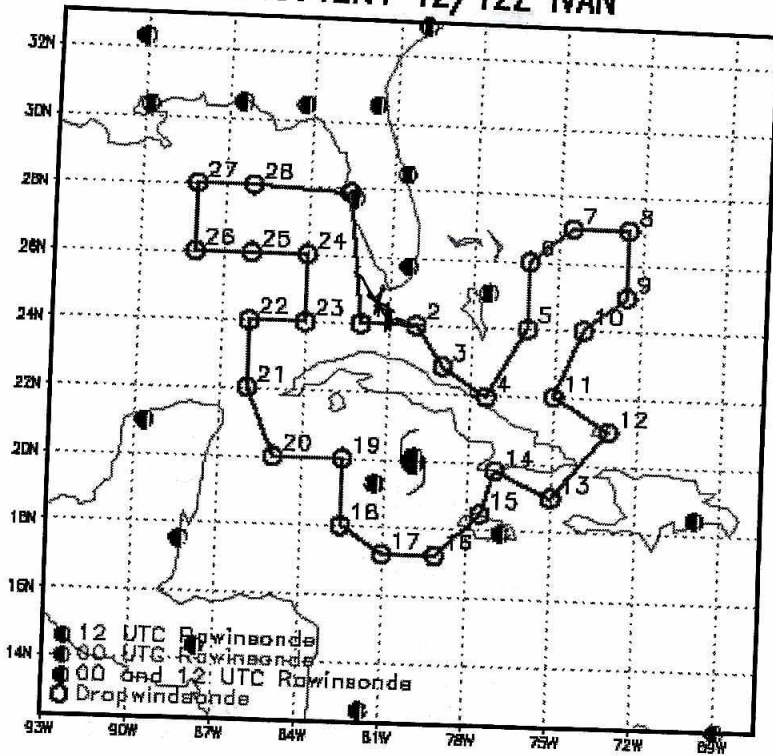
T/O Weather KMCF N/A (altimeter reported as A2998 by ATC)
Land Weather KMCF N/A

Notes:

Aircraft was diverted over Cuba by Havana ATC. Drop 2 was cancelled. Aircraft PS1C read 1014.4 mb at takeoff, and 1014.6 at landing. There were no data gaps or spikes noticed during the flight. No dynamic corrections were applied to the measured static and dynamic pressures. Thus wind direction and wind speed may not be representative of actual flight level conditions.

Flight Director: Flaherty (813) 828-3310 ext. 3094

040912N1 12/12Z IVAN

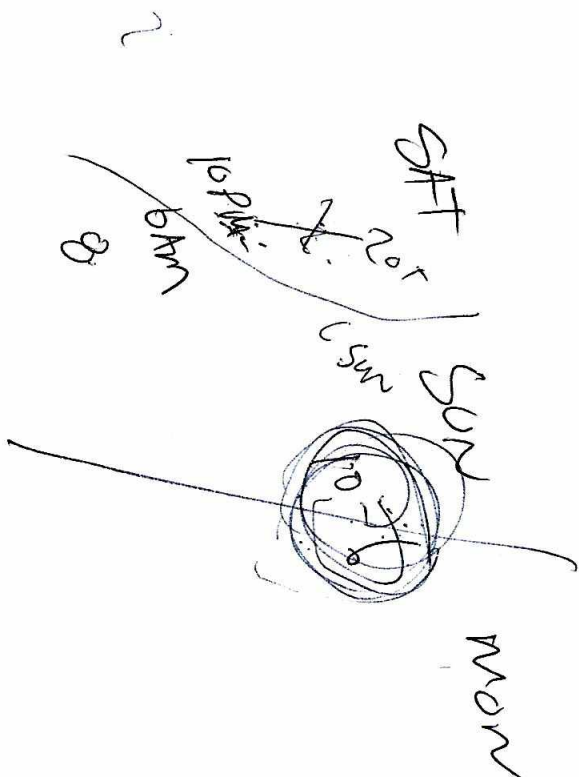


GRADS COLY/IES

2004-09-10-17:38

24 81 13w

2248
79



201	12, 21, CH
2200	2200
2357	2357
1000	10 AM
6000	10 PM
T	W

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: IVAN

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 12/0530Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	24 00	82 00		0:42
2	24 00	80 00		0:57
3	22 48	79 00		1:09
4	21 57	77 24		1:23
5	24 00	76 00		1:43
6	26 00	76 00		1:59
7	27 00	74 30		2:13
8	27 00	72 30		2:27
9	25 00	72 30		2:43
10	24 00	74 00		2:57
11	22 00	75 00		3:15
12	21 00	73 00		3:32
13	19 00	75 00		3:55
14	19 45	77 00		4:11
15	18 28	77 30		4:23
16	17 12	79 06		4:39
17	17 12	81 00		4:54
18	18 00	82 30		5:07
19	20 00	82 30		5:23
20	20 00	85 00		5:42
21	22 00	86 00		6:00
22	24 00	86 00		6:17
23	24 00	84 00		6:32
24	26 00	84 00		6:48
25	26 00	86 00		7:03
26	26 00	88 00		7:17
27	28 00	88 00		7:34
28	28 00	86 00		7:48
