

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 051022N	From: KTPA	To: KSAV
Flt No: 06 - 010	In: 0051 z	On: 0047 z
ETD: 1730 z	Out: 1708 z	Off: 1717 z
ETE: 8 + 00	Blk Time: 7 + 43	Flt Time: 7 + 30
Sponsoring Org: NOAA / NHC	Program: Hurricane 05	Purpose: Hurricane Surv

AOC Flight Crew

Aircraft Commander: POSTON	Data System: ROGERS
Co-Pilot: ODELL	AVAPS: BROGAN
Navigator: /	System Engineer:
Flight Eng: /	AA:
Flight Director: FRANKLIN	AA:
Avionics: CARPENTER	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
ABERSON, Sim	HAPS	HRD

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

Storm Name: HURR WILMA

Mission ID: NOAA 1924A WILMA

Recco Times Fix # Fix Time

U.S. DEP'T OF COMMERCE / NMAO / NOAA / AIRCRAFT OPERATIONS CENTER

FLT ID:		TIME OFF: Z		TIME ON: Z	
		A/C - Takeoff	WX Station - Takeoff	A/C - Land	WX Station - Land
Pressure		1008.2		1006.4	
ATIS - Takeoff					
ATIS - Land		2353 31004 105M 21/17 2976			
Data Source	Number	Data Disposition / Date / Quality			
Flight Level Tapes					
Radar Tapes					
Cloud Physics Tapes / Cds					
Video Tapes					
Dropsondes	25	Good:	25 OBS	Bad:	Total:
AXBT					
AXCP					
AXCTD					
SONOBUOY					

REMARKS:



NOAA G-IV
Hurricane 2005
NHC – Hurricane Wilma
KTPA -KSAV



Flight ID: 051022n

Sensor or system

Inertial (for wind derivation)

Temperature /Dew Point

Static and Dynamic Pressure

Directory / Constants File

Number or Name

VEW_PITR/VNS_PITR

AT1/DPRC

PS2C/QC2C

506/49cal032

Notes:

There were no time/data glitches during this flight.

All instruments worked properly.

25 dropsondes were deployed. 25 observations transmitted.

	Takeoff	Landing
Aircraft Static Pressure	1008.2 mb	1006.4 mb

STATION INFORMATION

n/a

2355Z 31004KT 10SM 21/17 A2976

Flight Director:

Paul Flaherty

Phone #:

(813) 828-3310 ext. 3094

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: WILMA

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 22/1800Z

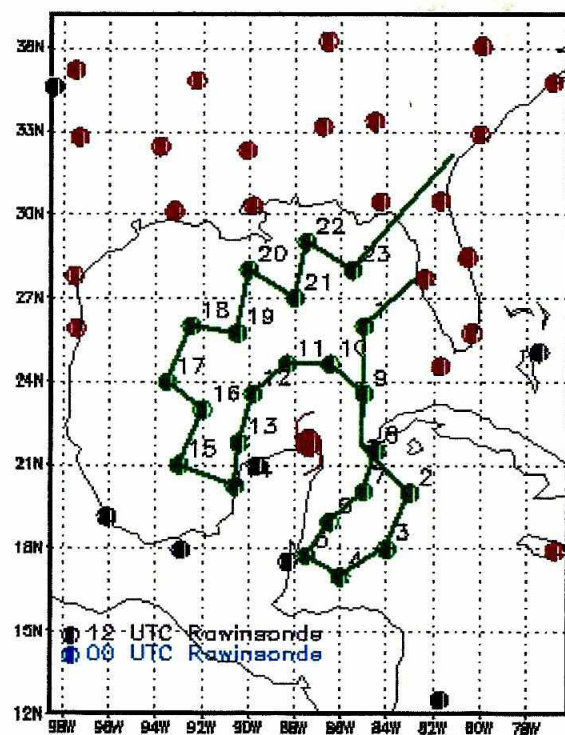
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DROP LOCATIONS

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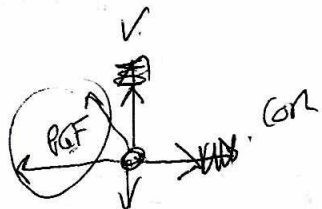
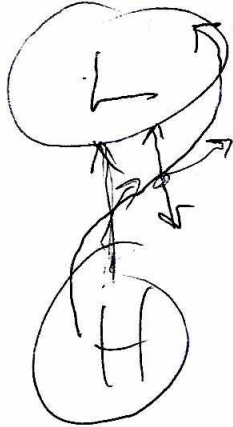
#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 00	85 00		0:34
2	20 00	83 00		1:30
3	18 00	84 00		1:48
4	17 00	86 00		2:05
5	17 45	87 30		2:19
6	18 57	86 28		2:31
7	20 02	84 58		2:46
8	21 30	84 27		2:58
9	23 34	84 58		3:19
10	24 39	86 28		3:33
11	24 39	88 20		3:47
12	23 34	89 50		4:01
13	21 48	90 24		4:16
14	20 14	90 36		4:29
15	21 00	93 00		4:48
16	23 00	92 00		5:06
17	24 00	93 30		5:20
18	26 00	92 30		5:38
19	25 45	90 30		5:53
20	28 00	90 00		6:12
21	27 00	88 00		6:28
22	29 00	87 30		6:45
23	28 00	85 30		7:02

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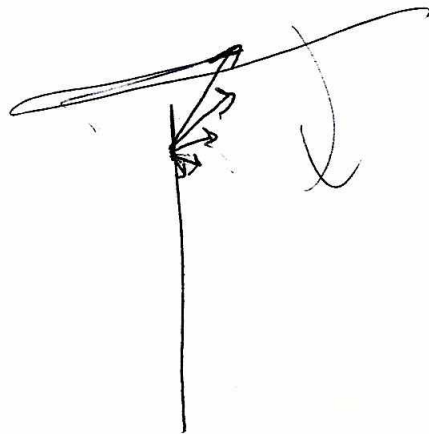


GADES COL/YES

2005-10-21-12:41



H



N49RF AVAPS DropSonde Log

Project: Hurr 2005 Flight ID: 051022N2 Flt Dir: Flaherty
 Mission: Wilma Flight #: 7 Status: Sys 1 ☒ Sys 2 ☐ Launcher S/N: 02

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments /Status/ Failure Reason	\$	GOOD ☒
1	053 416 015	1	1746	0	5	DWC	OK	N	☒
2	053 116 132	1	1843	0	2				☒
3	044 535 105	2	1901	0	2				☒
4	053 116 134	1	1919	0	3				☒
5	053 116 129	2	1931	0	26				☒
6	053 316 135	1	1944	0	29				☒
7	053 316 164	2	1957	0	22				☒
8	053 316 145	1	2009	0	20		Lost winds 750-950mb		☒
9	051 926 166	2	2026	0	21		Lost winds	A	☒
10	053 316 023	1	2041	0	49		Lost winds		☒
11	051 926 163	2	2044	0	30		b/u for drop 10/lost winds	A	☒
12	044 535 126	3	2055	0	41		Lost winds	A	☒
13	053 316 015	1	2110	0	23		OK		☒
14	044 535 095	2	2125	0	1:15		Late winds		☒
15	051 926 137	1	2138	0	37		OK		☒
16	044 135 233	5	2156	0	38				☒
17	012 225 174	1	2214	0	2min		Late winds		☒
18	053 116 135	4	2216	0	2		b/u for drop #16		☒
19	053 316 018	2	2228	0	14		OK		☒
20	044 135 318	1	2245	0	46				☒
21	053 170 076	2	2259	0	23		Lost winds	A	☒
22	051 926 039	1	2317	0	12		OK		☒
23	053 316 121	2	2332	0	20				☒
24	044 535 152	1	2346	0	25				☒
25	012 615 110	2	0001	0	19				☒
26									
27									
28									
29									
30									
31									
32									
33									

\$ Codes A = AOC N = NHC/NWS H = HRD OW = NESDIS

B/u 053 116 135 Rev A

NWS 21

AOC 4