

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

AOCWFI

Flt ID: N051022	From: KTPA	To: KTPA
Flt No: 06-89	Blk In: 1333Z	ATA: 1329Z
ETD: 0600Z	Blk Out: 0547Z	ATD: 0554Z
ETE:	Blk Time: 7:46 (7.8)	Flt Time: 7:35 (7.6)
Sponsor Org: NHC	Program: HURR. SURV.	Purpose: H. WILMA OVER NE YUCATAN

AOC Personnel

AC: FINKE	Sys Eng: ROLES
CP: FINN	Data Sys: HILL
Nav:	Radar:
FE:	GPS/BT: SMETH
FD: DAMIANO	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
GOLDENBERG	HAPS	NRD
AHNTHOLZ, DAVID	MEDIA	NAPLES DAILY NEWS
OTERO, ANDREW	MEDIA	WB 38 TV
BRANNOCK, J.	MEDIA	NAPLES DAILY NEWS

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

1824A WILMA

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

AOCWF2

Flt ID: *1051022* Time Off: *0554Z* Time On: *1329Z*

A/C (Take Off) Wx Station (Take Off) A/C (Land) Wx Station (Land)

Pressure *1010.8* *29.85* / *1009.9* *1009.8* *29.83* / *1009.2*

Number Data Disposition / Date / Quality

Flt Lvl Tapes *1*

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes *28* *4 bad**23* *messenger sent*

Video

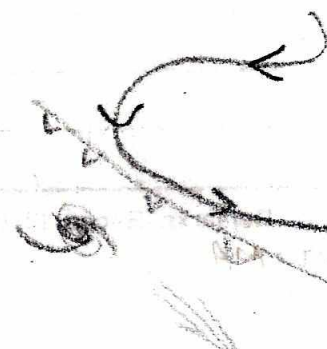
Forward Left Side Right Side Down Remarks

Time On

Time Off

Rate

Remarks

089*2**0618Z 1508 OUT*



NOAA G-IV ERROR SUMMARY
HURRICANE 2005
H WILMA OVER NE YUCATAN



Flight ID: N051022

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	VEW_PITR, VNS_PITR
Accelerometer	ACINS_PITR
Temperature Probe	AT3
Dew Point Probe	DPRC
Static Pressure	PS2C
Dynamic Pressure	QC2C
Attack Angle	AKRD1
Slip Angle	SSRD1
Vert. Wind	PALT
Constants File	49cal041
Project Directory	/proj/506

Local surface observation not current or unavailable.

Notes:

The G4 was operating out of Tampa International Airport.

There were no data gaps.

The Total Temperature #2 (TT2) probe was not available for this mission.

Dynamic sideslip pressure #1, DBP1, produced erroneous output starting at 0954Z and going until 1305Z.

All other instruments worked optimally during the flight.

	Takeoff	Landing
Aircraft Static Pressure	1010.8mb	1009.8mb
Corrected Tower Pressure	1009.9mb	1009.2mb

Flight Director: A. Barry Damiano (813) 828-3310 ext. 3073

NOS 1022

VEW-PTR, VPS-PTR

AT3

DPRC

BSRM

AC2M

AKRD1

SSRD2

~~AKRD1~~

SSRD2

NO DATA

GAPS

0555-1328

DBP1 erroneous

0954 ~~0958~~ - descent
into Tampa

1305~~58~~

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: WILMA

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 22/0600Z

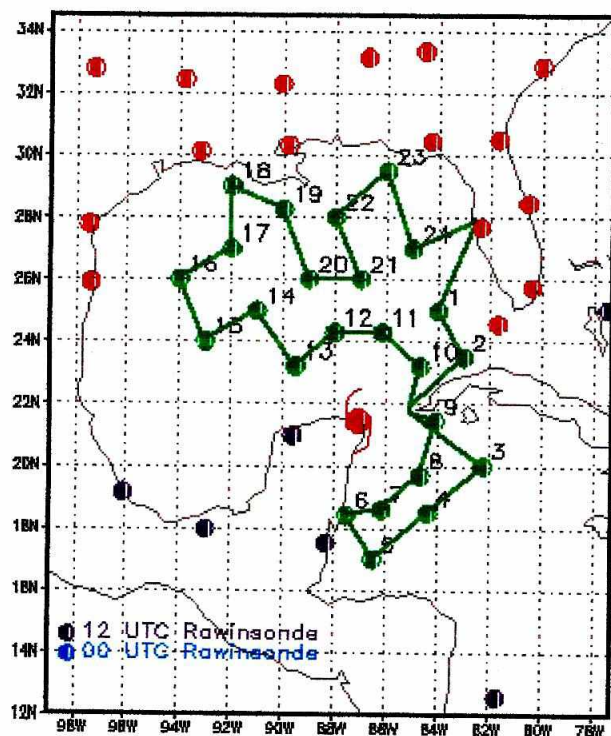
DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	25 00	84 00		0:36
2	23 30	83 00		0:50
3	20 00	82 15		1:38
4	18 30	84 23		1:58
5	17 00	86 30		2:19
6	18 25	87 32		2:33
7	18 36	86 10		2:44
8	19 41	84 40		2:58
9	21 27	84 06		3:13
10	23 13	84 40		3:31
11	24 18	86 10		3:48
12	24 18	88 02		4:02
13	23 13	89 32		4:16
14	25 00	91 00		4:34
15	24 00	93 00		4:51
16	26 00	94 00		5:09
17	27 00	92 00		5:26
18	29 00	92 00		5:42
19	28 15	90 00		5:58
20	26 00	89 00		6:18
21	26 00	87 00		6:32
22	28 00	88 00		6:50
23	29 30	86 00		7:09
24	27 00	85 00		7:31

14
7
98

(49)
13
62

moved



GADS: COLA/TES

2005-10-20-18:13

Launcher S/N: 02

2415V

NHC 27 AOC 4