

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

FLT ID: 050919N2	From: KMCF	To: KMCF
Flt No: 05 - 141	In: 0214z	On: 0206z 6
ETD: 18z	Out: 1740z	Off: 1749z
ETE: 8 + 30	Blk Time: 8 + 34 (8.6 Hrs)	Flt Time: 8 + 17 (8.3 Hrs)
Sponsoring Org: NOAA/NHC	Program: HUR05	Purpose: TS RITA

AOC Flight Crew

Aircraft Commander: FINN	Data System: BROGAN
Co-Pilot: HAGAN /	AVAPS:
Navigator: /	System Engineer: SMITH
Flight Eng: /	AA:
Flight Director: FLAHERTY	AA:
Avionics: ROGERS	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Durst, N	HAPS	HRD

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

Recco Times

Fix #

Fix Time

Storm Name: TS RITA

Mission ID: NOAA 0718A RITA

~~WINDS DOWN JUST AFTER LNDG~~

TEAL 51 5000'
N43 800'
N42587 12000'

(See reverse for additional remarks)

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

FLT ID: 0509192	TIME OFF: 1749 Z	TIME ON: 0206 Z		
	A/C - Takeoff	WX Station - Takeoff	A/C - Land	WX Station - Land
Pressure	1017.7		1018.0	
ATIS - Takeoff				
ATIS - Land				
Data Source	Number	Data Disposition / Date / Quality		
Flight Level Tapes				
Radar Tapes				
Cloud Physics Tapes / Cds				
Video Tapes				
Dropsondes	27	Good: 25	Bad: 2	Total:
AXBT				
AXCP				
AXCTD				
SONOBUOY				

REMARKS:

T10 1655Z 03011 KB 10SM 32/23 3007

LAND 0155Z 06014 KB 7SM 28/21 1305



NOAA G-IV
Hurricane 2005
NHC – TS Rita
KMCF - KMCF



Flight ID: 050919n2

Sensor or system

Inertial (for wind derivation)

Temperature /Dew Point

Static and Dynamic Pressure

Directory / Constants File

Number or Name

VEW_PITR/VNS_PITR

ATI/DPRC

PS2C/QC2C

506/49cal032

Notes:

There were no time/data glitches during this flight.

All instruments worked properly.

27 dropsondes were deployed. 25 Observations were transmitted.

	Takeoff	Landing
Aircraft Static Pressure	1017.7 mb	1018.0 mb

STATION INFORMATION

1655Z 03011KT 10SM 32/23 A3007

0155Z 06014KT 7SM 28/21 A3005

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

=====

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: TD 18 RITA

NOAA/AOML/Hurricane Research Division: September 18, 2005 11:27:29 AM

Aircraft: N49RF

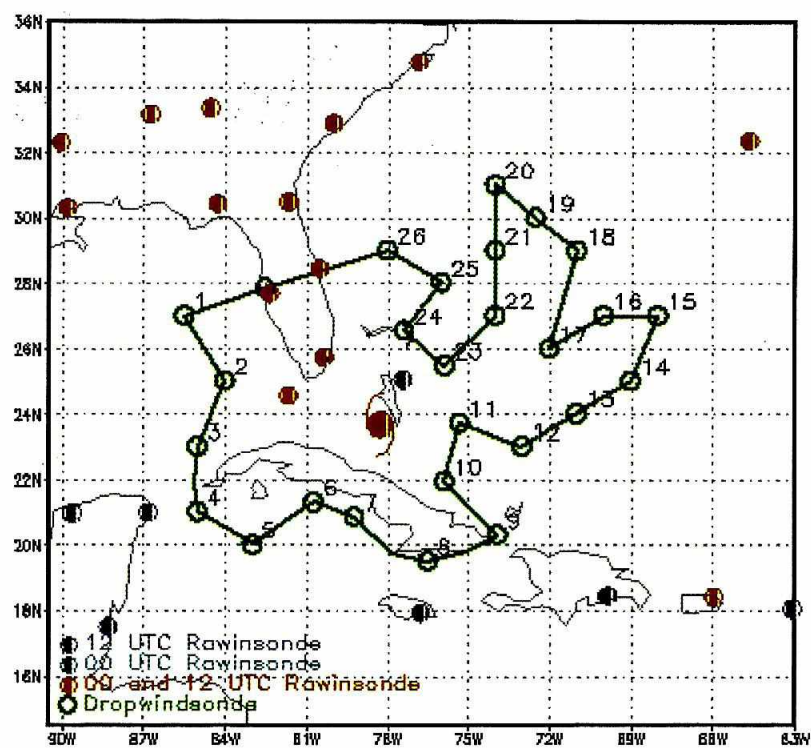
Proposed takeoff: 19/1800Z

=====

DROP LOCATIONS

=====

#	LAT (d m)	LON (d m)	TIME (h:mm)
1	27 00	-85 30	0:24
2	25 00	-84 00	0:44
3	23 00	-85 00	1:02
4	21 00	-85 00	1:19
5	20 00	-83 00	1:36
6	21 18	-80 43	1:57
7	20 51	-79 14	2:10
8	19 30	-76 30	2:35
9	20 18	-73 54	2:57
10	21 56	-75 53	3:17
11	23 42	-75 18	3:32
12	23 00	-73 00	3:51
13	24 00	-71 00	4:09
14	25 00	-69 00	4:27
15	27 00	-68 00	4:45
16	27 00	-70 00	5:00
17	26 00	-72 00	5:18
18	29 00	-71 00	5:43
19	30 00	-72 30	5:58
20	31 00	-74 00	6:12
21	29 00	-74 00	6:28
22	27 00	-74 00	6:44
23	25 28	-75 53	7:04
24	26 33	-77 22	7:18
25	28 00	-76 00	7:34
26	29 00	-78 00	7:51



GRADS: COLA/IBCS

2005-08-18-11:27

N49RF AVAPS DropSonde Log

N49RF Project: Surv Flight ID 050919N2 Rita

Mission: _____ Flight #: 02 Launcher S/N: 2 Status: Sys 1 ☒ Sys 2 ☒

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	012 025 071	1	1820	0	29	JAS	1	✓
2	011 245 079	2	1839	-0.4	—		No LAUNCH DETECT 2	B
3	011 245 466	1	1840	-0.4	29		ZBU	✓
4	012 615 190	3	1856	0	25		3	✓
5	012 545 008	1	1912	0	26		4	✓
6	012 625 025	2	1928	0	30	V	5	✓
7	012 225 102	1	1950	0	60		6	✓
8	000 745 106	2	2003	0	29		7	✓
9	011 345 088	1	2030	-0.5	11		8	✓
10	000 715 086	1	2054	0.5	35		9	✓
11	000 745 111	2	2111	0	15		LOW PWR 10	✓
12	000 715 084	1	2128	0	38		11	✓
13	000 745 108	2	2145	0	49		12	✓
14	011 378 173	1	2202	0	39		13	✓
15	000 715 075	2	2220	0	36		RS No data REBOOT RS WINDS LAST 0650 R	✓
16	011 378 167	1	2237	0	24		15	✓
17	000 715 073	2	2253	0	26		DP 16	✓
18	012 848 002	1	2318	0	47		17	✓
19	000 715 079	2	2332	0	25		18	✓
20	000 715 085	1	2345	0	22		19	✓
21	000 715 072	2	0001	0	20		CHC FAILED - CHG GOOD DA 21 DROP 20	✓
22	000 745 021	1	0017	0	29		DP 22 DROP 21	✓
23	011 345 107	3	0037	-0.5	57		DP 23 DROP 22	✓
24	11 245 365	1	0052	0	220		late WINDS	B
25	012 025 069	4	0054	0	27		DP 24 DROP 23 BUI	✓
26	000 715 159	3	0105	0	38		DP 25 DROP 24	✓
27	012 225 148	1	0122	0	28			✓
28								
29								
30								
31								
32								
33								

FAILURE OF HAPS DATA ACQUISITION FOLLOWING AVAPS Reboot