

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

Flt ID: 060829N	From: KMCF	To: KMCF
Flt No: 06-	Blk In: 0148 Z	Time On: 0140 Z
ETD: 18z	Blk Out: 1738 Z	Time Off: 1747 Z
ETE: 8 + 20	Blk Time: 8 + 11	Flt Time: 7 + 53
Sponsoring Org: NOAA-NHC	Program: WSO6	Purpose: HURR SERV.

AOC Flight Crew

Aircraft Commander: FINN, M	Data System: CARPENTER, DAVE
Co-Pilot: LOGENKEER, J	AVAPS: SMITH, JEFF
Navigator: /	System Eng: ALAN GOLDSTEIN
Flight Eng: /	A A:
Flight Director: FLAHERTY, P	A A:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
BLACK, M	ASPEN	HRD

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times	Fix #	Fix Time
Storm Name: TS ERNESTO	NOAA	1705A	ERNESTO
Mission ID:			

(See reverse for additional remarks)

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Flight ID: 060829N Time Off: 1747z Time On:

A/C - Takeoff

Wx Station - Takeoff

A/C - Land

Wx Station - Land

Pressure

1012.7

A2992

1011.4

Number

Data Disposition / Date / Quality

Flight Level Tapes

Radar Tapes

Cloud Physics Tapes / CDs

Video Tapes

Dropsondes

Good:

Bad:

AXBT

AXCP

AXCTD

Remarks:

T/O 1655z 17003KT 10sm 31/25 2992

===== HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN:

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 29/1800Z
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TRACK DISTANCE TABLE

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LAT LON RAD/AZM LEG TOTAL TIME
(d m) (d/m) (nm/dg) (nm) (nm) (h:mm)

0 MACDILL 0. 0. 0:00
1 26 00 84 00 137. 137. 0:29
2 23 18 82 28 182. 319. 0:53
3 23 00 85 00 141. 460. 1:12
4 21 30 85 06 90. 550. 1:25
5 21 00 83 00 121. 671. 1:41
6 21 18 80 56 118. 789. 1:57
7 21 18 79 04 104. 893. 2:11
8 19 30 77 48 130. 1023. 2:29
9 19 40 75 59 103. 1126. 2:43
10 19 36 74 15 98. 1224. 2:56
11 21 00 73 00 110. 1334. 3:11
12 20 09 70 59 124. 1458. 3:28
13 21 00 69 00 123. 1581. 3:45
14 22 00 71 00 127. 1708. 4:02
15 23 00 73 00 126. 1834. 4:19
16 23 00 75 00 111. 1945. 4:34
17 22 50 77 34 143. 2088. 4:53
18 24 36 77 00 111. 2198. 5:08
19 25 00 75 00 112. 2310. 5:24
20 26 00 73 00 124. 2434. 5:40
21 28 00 71 00 161. 2595. 6:02
22 28 00 73 00 106. 2701. 6:17
23 27 00 75 00 122. 2824. 6:33
24 29 00 76 00 131. 2955. 6:51
25 29 00 78 00 105. 3060. 7:05
26 26 22 77 34 160. 3221. 7:27
27 27 27 79 04 104. 3324. 7:41
28 MACDILL 185. 3509. 8:16
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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN:

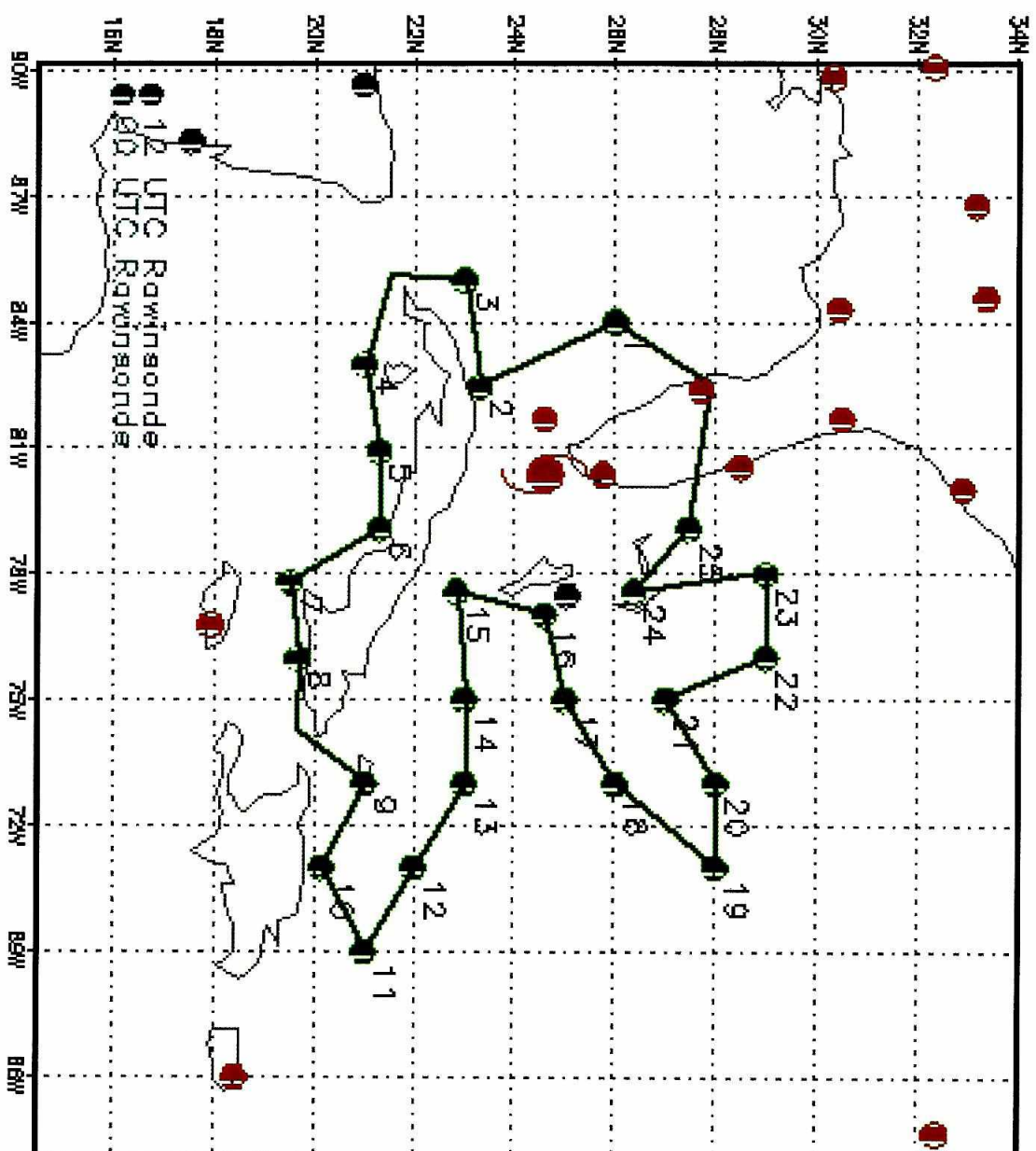
Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 29/1800Z

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 00	84 00		0:29
2	23 18	82 28		0:53
3	23 00	85 00		1:12
4	21 00	83 00		1:41
5	21 18	80 56		1:57
6	21 18	79 04		2:11
7	19 30	77 48		2:29
8	19 40	75 59		2:43
9	21 00	73 00		3:11
10	20 09	70 59		3:28
11	21 00	69 00		3:45
12	22 00	71 00		4:02
13	23 00	73 00		4:19
14	23 00	75 00		4:34
15	22 50	77 34		4:53
16	24 36	77 00		5:08
17	25 00	75 00		5:24
18	26 00	73 00		5:40
19	28 00	71 00		6:02
20	28 00	73 00		6:17
21	27 00	75 00		6:33
22	29 00	76 00		6:51
23	29 00	78 00		7:05
24	26 22	77 34		7:27
25	27 27	79 04		7:41



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N49RF AVAPS DropSonde Log

Project: Hurr. '06 Flight ID: 060829n2 Flt Dir: Flaaherty
 Mission: Ernesto Flight #: 4 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	061 449 036	1	1811	Ø	7	DWC	Slight fast fall - BUT GOOD	N	
2	061 519 156	1	1832	Ø	24		DROP 2		✓
3	061 449 028	3	1849	Ø	23				✓
4	061 449 038	1	1916	Ø	Ø				✓
5	053 170 086	3	1932	Ø	27				✓
6	061 449 033	1	1946	.7	1				✓
7	061 449 039	3	2004	Ø	1				✓
8	061 449 035	1	2018	Ø	2				✓
9	061 519 155	1	2046	Ø	1	JAS			✓
10	061 449 094	3	2102	Ø	1		DROP 10		✓
11	053 116 147	1	2119	Ø	1				✓
12	053 116 140	3	2134	Ø	1				✓
13	053 116 009	1	2151	Ø	20	JAS	FAST FALL		✓
14	053 116 174	2	2206	Ø	2	ASG			✓
15	051 946 037	1	2224	Ø	20				✓
16	053 116 150	2	2239	Ø	15				✓
17	051 946 043	1	2254	Ø	5				✓
18	053 116 011	2	2312	Ø	2				✓
19	053 416 077	1	2336	Ø	5				✓
20	053 116 145	3	2349	Ø	2				✓
21	053 166 146	1	0005	Ø	5				✓
22	051 946 044	3	0022	Ø	5				✓
23	053 166 144	1	0036	Ø	23				✓
24	053 166 064	1	0056	Ø	28				✓
25	061 449 099	3	0110	.4	7				
26									
27									
28									
29									
30									
31									
32									
33									

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

* This sonde was rigged by Ray & MARK and left
 for the day - 1/1/01

N49RF AVAPS DropSonde Log

Project: Hurr '06 Flight: 060829N

Mission: T.S. ERNESTO Flight #: 3 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	053 166 051	1	0646	.3	25	RT	I	N	☒
2	053 170 084	2	0701	0	24		II		☒
3	053 166 063	3	0715	0	2		III		☒
4	053 166 061	4	0740	.4	2		IV		☒
5	053 166 062	1	0757	0	1		V		☒
6	053 166 029	2	0812	0	1		VI		☒
7	053 170 083	3	0822	0	1		VII		☒
8	053 170 098	4	0850	0	1		VIII		☒
9	053 170 085	1	0920	0	1		IX NO L.D.		☒
10	061 449 031	2	0922	0	25		X		☒
11	053 166 060	3	0935	.5	22		XI		☒
12	061 449 107	4	0949	0	22		XII		☒
13	053 166 200	1	1008	0	1		XIII		☒
14	053 166 048	2	1023	0	1		XIV		☒
15	061 449 108	3	1040	0	1		XV		☒
16	053 166 272	4	1055	0	7		XVI		☒
17	053 166 254	1	1110	0	1		XVII Fast Fall		☒
18	061 229 172	2	1122	0	1		XVIII		☒
19	061 239 017	3	1139	0	1		XIX		☒
20	053 116 214	4	1150	0	2		XX		☒
21	061 239 014	1	1206	0	2		XXI		☒
22	053 170 078	2	1228	0	2		XXII		☒
23	053 166 049	3	1249	0	2		XXIII		☒
24	061 449 105	4	1304	0	2		XXIV		☒
25	053 166 253	1	1320	0	15		XXV		☒
26									
27									
28									
29									
30									
31									
32									
33									

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

Problem w/ program ps-fip.exe