

Flt ID: 030711N	From: KMCF	To: KMCF
Flt No: 03-58	Blk In: 0139Z	ATA: 0131
ETD: 1730Z	Blk Out: 1720Z	ATD: 1732Z
ETE: 8.5	Blk Time: 8.3	Flt Time: 8.0
Sponsor Org: NHC	Program: Hurricane 03	Purpose: SURV.

AOC Personnel

AC: YATES, G	Sys Eng: BROGAN, D
CP: FINKE, M / POSTON, R	Data Sys: CARPENTER, D
Nav: #	Radar:
FE: ROTZVELL, K	GPS/BT:
FD: FLAHERTY, P	Cld Phys:
Avionics: HORN BROOK, C	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
BLACK, M	HAPS	HRD
EDHARTON	VIS	UNIV. OF MIAMI
EDHARTON	VIS	UNIV. OF MIAMI

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

1803 - BALANCE - DATA SPIES (CALIBRATION)

1810 - BALANCE DWPNTS DPR (DWPNT R OFF $\approx 80^\circ$)

1817 BALANCE DWPT L

12305
PDA 301.8

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

AOCWPF2

Flt ID: 030711N Time Off: 1732Z Time On:

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1012.6/30.08	30.08	1019.0	30.08

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	24	1 EXTRA NEAR T.S., 1 BACKUP (#9)

Video

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

Remarks

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 03

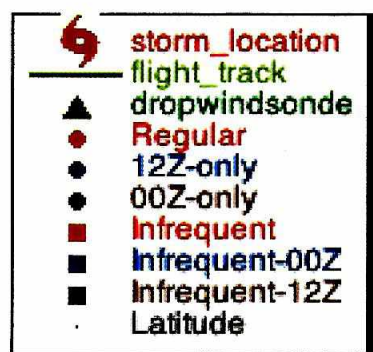
Flight ID: 030711N

Mission: T.S. CLAUDETTE

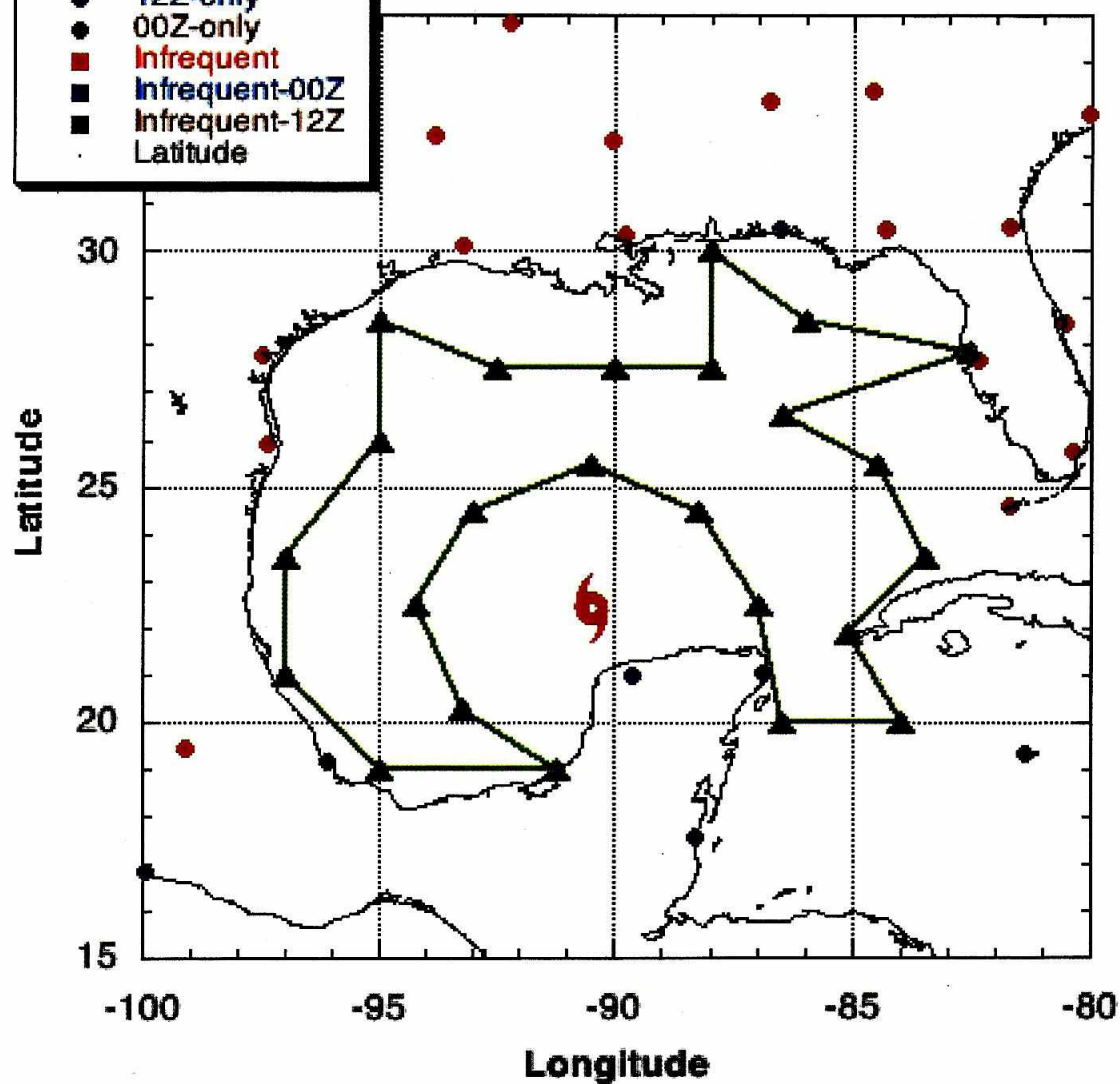
Flight #: 1

System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	022625050	1	1808	0	15	022		✓
2	025018080	2	1823	0	23	022		✓
3	021925082	1	1842	0	30	022		✓
4	022625123	2	1900	0	24	022		✓
5	022615259	1	1917	0	23	022		✓
6	025045256	2	1936	0	24	022		✓
7	022615267	1	1949	0	62	022		✓
8	021925219	2	1957	0	57	022		✓
9	022945144	1	2015	0	13	022		✓
9A	10 022945083	1	2034	0	66	022	WINDS DROP#9A INTERMITTENT	✓
9B	11 025045245	2	2037	0	15	022	BACKUP FOR DROP 9A	✓
10	12 022945141	1	2056	0	20	022		✓
11	13 022625120	2	2115	0	27	022		✓
12	14 022615266	1	2134	0	28	022		✓
13	15 022945081	2	2153	0	52	022		✓
14	16 022625062	1	2223	0	30	022		✓
15	17 022625175	7	2241	0	25	022	WEAK TELEMETRY	✓
16	18 022945145	1	2304	0	70	022		✓
17	19 022625061	1	2329	0	38	022		✓
18	20 025018069	1	2349	0	22	022		✓
19	21 022625053	1	0009	0	27	022		✓
20	22 022615261	2	0027	0	50	022		✓
21	23 022615232	1	0041	0	35	022		✓
22	24 022945143	2	0057	0	23	022		✓
25								
26								
27								
28								
29								
30								
31								
32								
33								



030711N CLAUDETTE



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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: CLAUDETTE/SYNOPTIC

NOAA/Hurricane Research Division Thursday, July 10, 2003 12:13:28 PM
 Aircraft: N49RF Proposed takeoff: 11/1730Z

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TRACK DISTANCES

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	MACDILL			0.	0.	0:00
1	26 30	86 30		239.	239.	0:32
2	25 30	84 30		129.	368.	0:50
3	23 30	83 30		133.	501.	1:08
4	21 54	85 06		133.	634.	1:26
5	20 00	84 00		131.	765.	1:44
6	20 00	86 30		145.	910.	2:04
7	22 30	87 00		153.	1063.	2:24
8	24 30	88 15		140.	1203.	2:44
9	25 30	90 30		142.	1345.	3:03
10	24 30	93 00		155.	1499.	3:24
11	22 30	94 15		140.	1639.	3:43
12	20 15	93 15		147.	1786.	4:03
13	19 00	91 15		139.	1925.	4:22
14	19 00	95 00		219.	2143.	4:52
15	21 00	97 00		167.	2311.	5:15
16	23 30	97 00		150.	2461.	5:35
17	26 00	95 00		189.	2649.	6:01
18	28 30	95 00		150.	2799.	6:21
19	27 30	92 30		153.	2952.	6:42
20	27 30	90 00		141.	3094.	7:01
21	27 30	88 00		113.	3207.	7:17
22	30 00	88 00		150.	3357.	7:37
23	28 30	86 00		144.	3500.	7:57
24	MACDILL			200.	3700.	8:24

G-IV Dropsonde Transmission Log

Proj. Name: _____

Mission ID: _____

	Launch Time	Transmit Time	Dropsonde ID	OB #
CH0	180842			1
CH2	182350			2
CH0	184200			3
CH2	180045			4
CH0	191724			5
CH2	193605			6
CH0	194900		EXTOL DROP	6A
CH2	195855			7
CH0	201535			8
CH0	203403			9
CH1	203748			9A
CH0	205800			10
CH1	211530			11
CH00	213440			12
CH01	215300			13
CH00	222315			14
CH1	224450			15
	230450			16
	232950			17
	234937			18
	000940			19
	002730			20
	004135			21
				22

15
23
30
29
23
24
62
57
13
58
50
20

52
30

70
38
18
27
50
35
23

TOTAL 24