

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

AOCWF1

Flt ID: 030714N	From: KMCF	To: KMCF
Flt No: 03-61	Blk In: 0144	ATA: 0136 Z
ETD: 1730Z	Blk Out: 1720 Z	ATD: 1732 Z
ETE: 8.5	Blk Time: 8.4 hrs	Flt Time: 8.1 hrs
Sponsor Org: NHC	Program: HURR 03	Purpose: SURV-TS CLAUDETTE

AOC Personnel

AC: WATERS , G	Sys Eng: CARPENTER, D
CP: FINKE, M / FINN, M	Data Sys: BROGAN, D
Nav:	Radar:
FE:	GPS/BT:
FD: FLAHERTY, P	Cld Phys:
Avionics: HORN BROOK, C	

Participating Scientists / Visitors / AOC

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

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

2348 SONDE MADE IT INTO EYE + EYEWALL
CENTER

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AOCWF2

Flt ID: 030714N Time Off: 1732z Time On: 0136z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1018.3	3008	1018.3	3008

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	30	28 OBS - 2 BACKED UP

Video

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

Remarks

 1715
 270g^lN
 9250'w

 2708
 9354

Drop: 1 175600

2 181110

3 182710

4 184245

5 190315

6 191850

7 193515

8 195700

9 200800

10 202330

10B 202600

11 203915

12 205445

13 211200

14 212620

15 214110

16 215720

17 221200

18 222845

19 224400

20 230230

21 23184

21B 234926

22 233400

23 234800

24 000450

25 001440

26 003140

27 004625

28 010000

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE

Flight ID 030714N

Mission: T.S. CLAUDETTE Flight #: 4

System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	021 925 008	1	1756	0	19	DWC	Dropped from 35kft.	✓
2	022 918 038	2	1811	0	13		OK	✓
3	022 625 112	1	1827	0	23			✓
4	022 625 169	2	1842	0	17			✓
5	022 815 071	1	1903	0	11			✓
6	022 815 001	2	1918	0	15			✓
7	021 925 107	1	1935	0	20			✓
8	022 625 059	2	1951	0	21			✓
9	022 945 148	1	2007	0	60			✓
10	021 925 087	2	2023	0	37		lost Altitude + pressure	✓
11	022 815 074	3	2025	0	26		backup for drop #10	✓
12	022 918 028	1	2039	0	36		OK	✓
13	021 925 110	2	2054	0	20			✓
14	022 815 079	1	2112	0	16			✓
15	022 625 174	2	2126	0	19			✓
16	022 945 073	1	2141	0	34			✓
17	022 815 130	2	2157	0	28			✓
18	021 925 075	1	2212	0	23			✓
19	022 918 030	2	2228	0	20			✓
20	022 945 146	1	2243	0	42			✓
21	021 925 053	2	2302	0	40			✓
22	022 815 042	1	2318	0			No launch detect	✓
23	022 945 070	3	2319	0	27		backup for drop #21	✓
24	022 918 036	2	2334	0	21		OK	✓
25	021 925 085	1	2349	0	41			✓
26	021 925 092	2	0004	0	30			✓
27	021 925 150	3	0014	0	26			✓
28	021 925 146	1	0031	0	77		Late winds	✓
29	021 925 086	2	0046	0	29		OK	✓
30	021 925 052	3	0100	0	50	↓	↓	✓
31								
32								
33								

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: CLAUDETTE/SYNOPTIC

NOAA/Hurricane Research Division Monday, July 14, 2003 11:41:09 AM

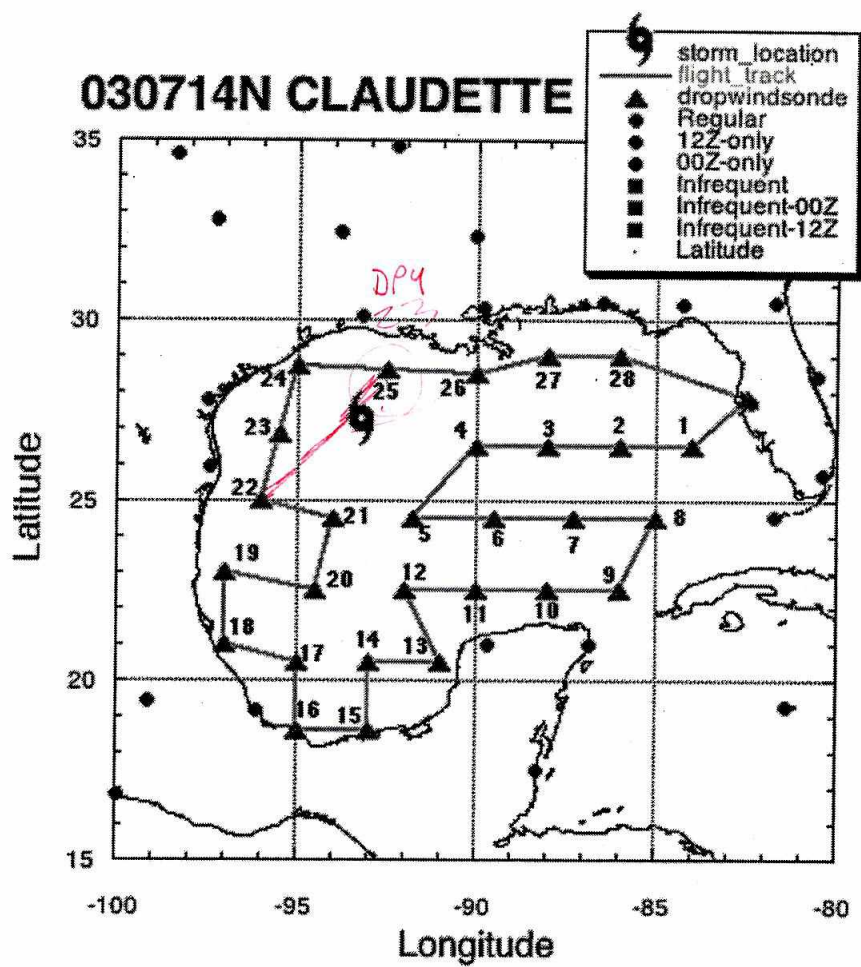
Aircraft: N49RF

Proposed takeoff: 14/1730Z

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 30	84 00		0:15
2	26 30	86 00		0:31
3	26 30	88 00		0:46
4	26 30	90 00		1:02
5	24 30	91 45		1:23
6	24 30	89 30		1:41
7	24 30	87 15		1:58
8	24 30	85 00		2:16
9	22 30	86 00		2:34
10	22 30	88 00		2:50
11	22 30	90 00		3:05
12	22 30	92 00		3:21
13	20 30	91 00		3:39
14	20 30	93 00		3:55
15	18 35	93 00		4:11
16	18 35	95 00		4:27
17	20 30	95 00		4:42
18	21 00	97 00		4:58
19	23 00	97 00		5:15
20	22 30	94 30		5:35
21	24 30	94 00		5:52
22	25 00	96 00		6:08
23	26 50	95 30		6:23
24	28 42	95 00		6:39
25	28 35	92 30		6:58
26	28 30	90 00		7:17
27	29 00	88 00		7:33
28	29 00	86 00		7:49



42-2218
TEAL 25
00Z