

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

Flt ID: 0508262	From: KMCF	To: KMCF
Flt. No: 05-129	Blk In: 0138 Z	Time On: 0129 Z ²⁴
ETD: 18 Z	Blk Out: 1736 Z	Time Off: 1747 Z ¹³
ETE: 8 + 00	Blk Time: 8 + 02 (80 Hrs)	Flt Time: 7 + 42 (7.7 Hrs)
Sponsoring Org: NOAA / NHC	Program: Hurricane OS	Purpose: Hurricane Katrina

AOC Flight Crew

Aircraft Commander: FINN	Data System: BROWN
Co-Pilot: ODELL / HAGAN	AVAPS: TONG
Navigator: /	System Eng: /
Flight Eng: /	AA: /
Flight Director: FLAHERTY	AA: /
Avionics: CARPENTER	Crew Chief: /

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
LANDSZA	HAPS	HRD
VALDS	HAPS	HRD
EDDS	PRESS	CBS
COWNA, J	PRESS	CBS

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

Storm Name: NOAA 9 @ Hurricane KATRINA

Mission ID: NOAA 9 1112A KATRINA

Penetration number and time

12AL 61 212

Recco Times

Fix # Fix Time

(See reverse for additional remarks)

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center				
Flight ID:		Time Off: Z		Time On: Z
	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1008.9 mb	mb	mb	mb
ATIS	Time	Observation		
Takeoff	Z			
Land	Z			
	Number	Data Disposition / Date / Quality		
Flight Level Tapes				
Radar Tapes				
Cloud Physics Tapes / CDs				
Video Tapes				
Dropsondes	27	Good: 25 Bad: 2		
AXBT				
AXCP				
AXCTD				
Remarks:				
080206Z 75M 31/24 A2981				



NOAA G-IV
Hurricane 2005
NHC - Hurricane Katrina
KMCF - KMCF



Flight ID: 050826n

Sensor or system

Inertial (for wind derivation)

Temperature /Dew Point

Static and Dynamic Pressure

Directory / Constants File

Number or Name

VEW_PITR/VNS_PITR

AT3/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	10084 mb	n/a mb

STATION INFORMATION

1655Z 08020G26KT 7SM 31/24 A2981

0155Z n/a

Flight Director:

Phone #:

Contact Paul Flaherty

(813) 828-3310 ext. 3094

N49RF AVAPS DropSonde Log

N49RF Project: Hurricane Surv 2005 Flight ID 050826N

Mission: Katrina Flight #: 3 Launcher S/N: 02 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	011 218 119	1	1819	0		DWC	No winds	
2	011 218 115	2	1823	0			b/u for #1 - no launch data	
3	002 618 046	4	1826	-1.3			b/u for b/u - no launch data	
14	084 113 025	3	1829	-2.5	40		OK	✓
25	002 638 072	1	1842	0	38			✓
36	002 638 011	2	1901	0	20			✓
47	002 615 328	1	1920	0	26			✓
58	002 615 315	2	1935	0	37			✓
69	002 638 010	1	1951	0	36			✓
710	003 115 323	2	2005	0	25			✓
811	011 018 043	1	2020	0	88		Late / intermittent winds	
912	003 135 176	2	2035	0	20		OK	✓
1013	003 115 157	1	2051	-7	86		Late winds	✓
1114	011 245 283	2	2109	0	48		OK	✓
1215	003 115 471	1	2141	0	41			✓
1316	002 615 325	2	2156	0	40			✓
1417	003 135 172	1	2201	0	42		data on LS backup	✓
1518	003 615 068	1	2222	-6	3	RT		✓
1619	003 115 266	2	2235	0	16	1		✓
1720	002 648 026	1	2301	0	32			✓
1821	002 615 330	2	2320	0	21			✓
1922	003 115 467	1	2337	0	76		Late winds	✓
2023	002 638 597	2	2352	-1.6	31			✓
2124	003 115 178	4	0008	0	34			✓
2225	003 115 182	1	0023	0	24			✓
2326	002 615 516	2	0042	0	12			✓
2427	011 245 114	4	0104	-1.4	27		LOST WINDS	
28								
29								
30								
31								
32								
33								

NWS - 24

Acc - 3

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: KATRINA

NOAA/AOML/Hurricane Research Division: August 25, 2005 9:44:52 AM
Aircraft: N49RF Proposed takeoff: 26/1800Z
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DROP LOCATIONS

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#	LAT (d m)	LON (d m)	TIME (h:mm)
1	26 24	-78 57	0:30
2	29 00	-78 00	0:52
3	31 00	-79 00	1:11
4	31 00	-76 00	1:33
5	29 00	-76 00	1:50
6	27 00	-75 00	2:08
7	27 00	-77 00	2:23
8	25 00	-77 00	2:40
9	24 00	-75 00	2:57
10	23 00	-77 00	3:15
11	24 00	-79 00	3:32
12	23 33	-82 53	4:03
13	24 38	-84 23	4:18
14	22 04	-85 03	4:40
15	21 00	-86 37	4:55
17	23 00	-89 00	5:21
18	25 00	-88 00	5:40
19	27 00	-89 00	5:58
20	27 00	-87 00	6:13
21	26 24	-84 57	6:30
22	28 10	-84 23	6:45
23	30 09	-86 20	7:07
24	29 03	-83 05	7:33

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1	011 218 119	1	1819	0		DWC	No winds	
2	011 218 115	2	1823	0			b/u for #1 - no launch detect	
3	002 638 072	4	1826	-1.3			b/u for b/u - no launch detect	
14	084 113 025	3	1829	-2.5	40		OK	☒
25	002 638 072	1	1842	0	38			☒
36	002 638 011	2	1901	0	20			☒
47	002 615 328	1	1920	0	26			☒
58	002 615 315	2	1935	0	37			☒
69	002 638 010	1	1951	0	36			☒
710	003 115 323	2	2005	0	25			☒
811	011 018 043	1	2020	0	88		Late / intermittent winds	☒
912	003 135 176	2	2035	0	20		OK	☒
1013	003 115 157	1	2051	-0.7	86		Late winds	☒
1114	011 245 283	2	2109	0	48		OK	☒
1215	003 115 471	1	2141	0	41			☒
1316	002 615 325	2	2156	0	40			☒
1417	003 135 172	1	2201	0	42		data on LS backup	☒
1518	003 615 008	1	2222	-0.6	3	RT		☒
1619	003 115 266	2	2235	0	16	1		☒
1720	002 648 020	1	2301	0	32			☒
1821	002 615 330	2	2320	0	21			☒
1922	003 115 467	1	2337	0	76		Late winds	☒
2023	002 638 097	2	2352	-0.6	31			☒
2124	003 115 178	4	0008	0	34			☒
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2326	003 002 615 516	2	0042	0	12			☒
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