

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

Flt ID: 050813N	From: TX KF	To: KMCF
Flt. No: 55-122	Blk In: 0148 Z	Time On: 0137 Z
ETD: 1730 Z	Blk Out: 1719 Z	Time Off: 1725 Z
ETE: 8+30	Blk Time: 8+29 8.5 Hrs	Flt Time: 8+12 (8.2 Hrs)
Sponsoring Org: NOAA NHC	Program: HUR05	Purpose: SURV-TS IRENE

AOC Flight Crew

Aircraft Commander: FINKS	Data System: BROGAN
Co-Pilot: HAGAN / ODELL	AVAPS: TONG
Navigator: /	System Eng:
Flight Eng: ROTTENBERG	A A:
Flight Director: FLAHERTY	A A:
Avionics: OLNEY	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
ABERSON, S	PI	HC21

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

Recco TimesFix # Fix TimeStorm Name: TS IRENEMission ID: NOAA 0509A IRENEPenetration number and timeTRAIL 89
TRAIL 91DATA SYSTEM N/A UNTIL
AFTER TAKEOFF

(See reverse for additional remarks)

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Flight ID: 050813 N		Time Off: 1725 Z		Time On: 0137 Z	
A/C - Takeoff		Wx Station - Takeoff		A/C - Land	
Wx Station - Land		Pressure		1014.9 mb	
N/A 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		30		Good: Bad: 29/30	
AXBT					
AXCP					
AXCTD					

Remarks:

T/O
TXKF 16011KT 9SM 29/26 A3012

LAND
FMCH 140055 36002KT 7SM 30/25 A2997



NOAA G-IV
Hurricane 2005
NHC - TS Irene
KMCF - TXKF

Flight ID: 050812n

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.

30 dropsondes were deployed. 29 observations transmitted

	Takeoff	Landing
Aircraft Static Pressure	1017.5 mb	1018.7 mb

STATION INFORMATION

2055Z 17005KT 7SM 29/24 A2999

2355Z 13007KT 9SM 27/26 A3012

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

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE OS

Flight ID 050813n

Mission: TS IRENE Flight #: 4

Launcher S/N: 002

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	00315460	1	1754	0	19	WFO		✓
2	002638088	2	1808	-.4	50			✓
3	002615327	3	1826	0	14			✓
4	044535378	4	1842	.6	20		LOST WINDS	
5	044535482	1	1844	.5	23		BACKUP FOR #4	✓
6	002615323	2	1859	0	16			✓
7	002615316	3	1910	0	13			✓
8	034323162	4	1925	0	23			✓
9	002615525	1	1938	0	26			✓
10	002615540	2	1956	0	51			✓
11	022928028	3	2020	0	42			✓
12	044535325	4	2034	.3	46			✓
13	002115458	1	2048	0			NO WINDS	
14	000345655	2	2050	-.4	25		BACKUP TO #13	✓
15	044535465	3	2104	.3	46			✓
16	002615505	4	2119	0	23			✓
17	034355030	1	2133	-2.0	24			✓
18	043845264	2	2149	.3	22			✓
19	011218007	3	2203	0	24			✓
20	044535137	4	2219	.3	23			✓
21	002638071	1	2234	0	28			✓
22	051926320	2	2250	0	17			✓
23	051926316	3	2305	0	19			✓
24	044535507	4	2323	0	48			✓
25	011018034	1	2337	0	32			✓
26	011245339	2	2351	0	18			✓
27	010715182	3	0006	-.7	23			✓
28	051926270	4	0020	0	57			✓
29	011245275	1	0041	-.4	38			✓
30	011245340	2	0058	-1.3	49			✓
31								
32								
33								

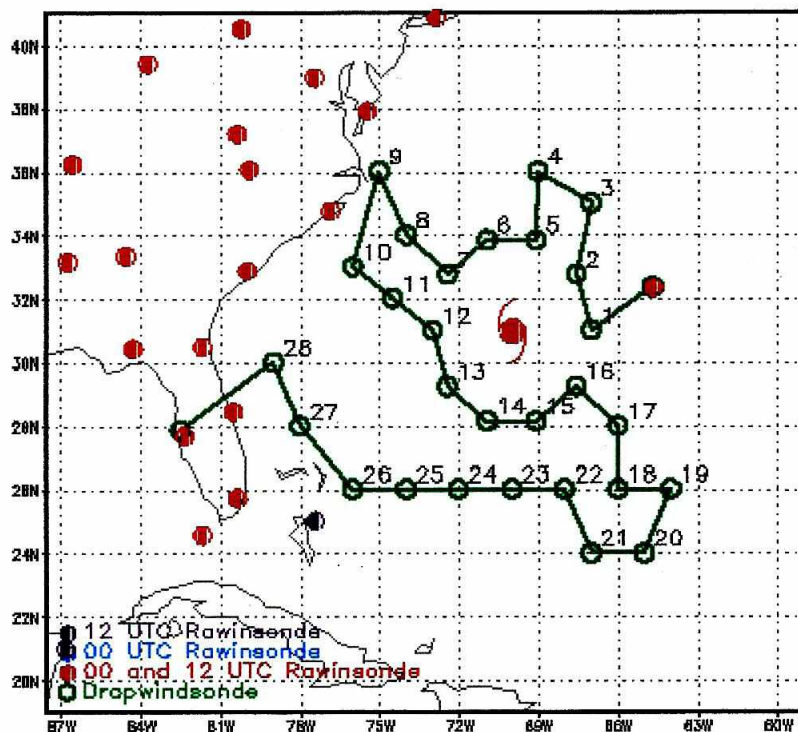
Change to NWS - All backups to AOC

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: IRENE

NOAA/AOML/Hurricane Research Division: August 12, 2005 12:34:57 PM
Aircraft: N49RF Proposed takeoff: 13/1800Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	TIME (h:mm)
1	31 00	-67 00	0:21
2	32 46	-67 34	0:36
3	35 00	-67 00	0:55
4	36 00	-69 00	1:11
5	33 51	-69 04	1:29
6	33 51	-70 56	1:43
7	32 46	-72 26	1:57
8	34 00	-74 00	2:13
9	36 00	-75 00	2:31
10	33 00	-76 00	2:56
11	32 00	-74 30	3:10
12	31 00	-73 00	3:24
13	29 14	-72 26	3:39
14	28 09	-70 56	3:54
15	28 09	-69 04	4:08
16	29 14	-67 34	4:23
17	28 00	-66 00	4:38
18	26 00	-66 00	4:55
19	26 00	-64 00	5:10
20	24 00	-65 00	5:28
21	24 00	-67 00	5:44
22	26 00	-68 00	6:02
23	26 00	-70 00	6:18
24	26 00	-72 00	6:33
25	26 00	-74 00	6:49
26	26 00	-76 00	7:04
27	28 00	-78 00	7:27
28	30 00	-79 00	7:45



GADS: COLA/TSES

2005-08-12-12:54