

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

Flt ID: G50812N	From: KMCF	To: TXKF
Flt. No: 05-121	Blk In: 0058 Z	Time On: 0049 Z
ETD: 1730 Z	Blk Out: 1710 Z	Time Off: 1720 Z
ETE: 7.30	Blk Time: 7.48 (7.8) Hrs	Flt Time: 7.29 (7.5) Hrs
Sponsoring Org: NOAA/NHC	Program: HURRIC	Purpose: SURV - TS IRENE

AOC Flight Crew

Aircraft Commander: FINKE, M	Data System: BROGAN, D
Co-Pilot: HAGAN, J , OLNEY, W	AVAPS: TONG, R
Navigator: /	System Eng:
Flight Eng: ROTTERVEL, K	A A:
Flight Director: FLAHERTY, P	A A:
Avionics: OLNEY, S	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
ABERSON, SIM	PI	HRD

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

Storm Name: **TS IRENE**

Mission ID: **NOAA 9 0209A IRENE**

Penetration number and time

N43
TEMP 45

(See reverse for additional remarks)

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center				
Flight ID: 050812		Time Off: 1720 Z		Time On: 0049 Z
	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1017.5 mb	mb	1018.7 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: 26 Bad: 4 27085 - 2ND 1st 10000		
AXBT				
AXCP				
AXCTD				
Remarks: 122055Z 17005 KTS 7SM 29/24 A2999 2355Z 13007 KT 9SM 27/26 A3012				

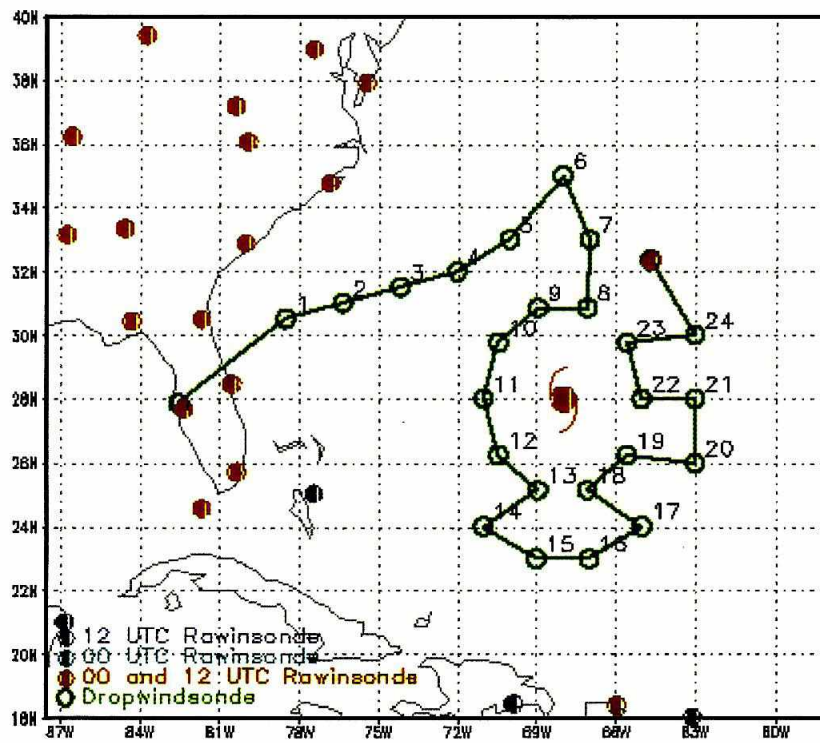
6/30

N49RF AVAPS DropSonde Log

N49RF Project: Hurricane 2005Flight ID 050912nMission: T.S. 30004 Flight #: 3 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	003 135 287	1	1803	7.4	26	R.T.		☒
2	043 835109	3	1819	.5	24	1		☒
3	003 115 325	2	1836	1.2	—		NO L.V.D.	☐
4	003 115 333	4	1837	0	26			☒
5	044 415 135	1	1853	0	18			☒
6	003 135 280	2	1908	.3	16			☒
7	051 926 124	4	1930	.3	75		Late Winds	☒
8	003 135 225	1	1945	0	—		BAD TEMP / WINDS	☐
9	003 115 326	2	1946	0	—		NO L.V.D.	☐
10	051 926 125	4	1950	0	18			☒
11	000 345 655	2	2005	0	36			☒
12	002 638 087	1	2017	0	20			☒
13	002 615 311	4	2031	0	—		NO WINDS	☐
14	003 135 196	2	2032	.4	46			☒
15	002 615 313	1	2047	0	26			☒
16	003 135 222	3	2102	0	31			☒
17	002 638 083	4	2118	7.4	28			☒
18	044 535 786	1	2136	.3	26			☒
19	002 638 079	2	2152	0	16			☒
20	003 135 202	5	2207	.3	24	OLNEY		☒
21	002 638 074	6	2224	0	24	1		☒
22	034 325 144	8	2242	0	33			☒
23	002 615 568	5/1	2255	0	30	R.T.		☒
24	002 615 524	12	2315	0	32			☒
25	010 748 042	3	2331	7.5	72		Late Winds	☒
26	002 615 533	1	2345	0	100		Late Winds	☒
27	002 615 498	2	2359	0	—		NO WINDS	☐
28	002 615 506	3	0002	0	—		NO WINDS	☐
29	010 715 150	1	0004	0	26			☒
30	043 835 017	4	0018	0	28		FAST FALL	☐
31								
32								
33								

Charge to NWS-A11 backups to Acc



GADS: COLA/IBES

2005-08-11-13:12

===== HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: IRENE =====

NOAA/AOML/Hurricane Research Division: August 11, 2005 1:12:07 PM
 Aircraft: N49RF Proposed takeoff: 12/1730Z

===== TURN LOCATIONS =====

#	LAT (d m)	LON (d m)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	27 51	-82 31	0.	0.	0:00
1	30 30	-78 30	275.	275.	0:38
2	32 00	-72 00	371.	647.	1:28
3	33 00	-70 00	125.	772.	1:45
4	35 00	-68 00	162.	935.	2:08
5	33 00	-67 00	131.	1067.	2:26
6	30 51	-67 04	128.	1196.	2:43
7	30 51	-68 56	103.	1299.	2:57
8	29 46	-70 26	106.	1405.	3:12
9	28 00	-71 00	110.	1515.	3:27
10	26 14	-70 26	110.	1626.	3:42
11	25 09	-68 56	107.	1733.	3:56
12	24 00	-71 00	137.	1871.	4:15
13	23 00	-69 00	129.	2000.	4:33
14	23 00	-67 00	115.	2115.	4:49
15	24 00	-65 00	129.	2245.	5:06
16	25 09	-67 04	137.	2382.	5:25
17	26 14	-65 34	107.	2490.	5:40
18	26 00	-63 00	146.	2637.	5:60
19	28 00	-63 00	120.	2757.	6:16
20	28 00	-65 00	112.	2870.	6:31
21	29 46	-65 34	110.	2980.	6:46
22	30 00	-63 00	144.	3125.	7:06
23	32 22	-64 41	169.	3294.	7:29

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: IRENE

NOAA/AOML/Hurricane Research Division: August 11, 2005 1:12:07 PM
Aircraft: N49RF Proposed takeoff: 12/1730Z

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DROP LOCATIONS

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#	LAT (d m)	LON (d m)	TIME (h:mm)
1	30 30	-78 30	0:38
2	31 00	-76 20	0:55
3	31 30	-74 10	1:11
4	32 00	-72 00	1:28
5	33 00	-70 00	1:45
6	35 00	-68 00	2:08
7	33 00	-67 00	2:26
8	30 51	-67 04	2:43
9	30 51	-68 56	2:57
10	29 46	-70 26	3:12
11	28 00	-71 00	3:27
12	26 14	-70 26	3:42
13	25 09	-68 56	3:56
14	24 00	-71 00	4:15
15	23 00	-69 00	4:33
16	23 00	-67 00	4:49
17	24 00	-65 00	5:06
18	25 09	-67 04	5:25
19	26 14	-65 34	5:40
20	26 00	-63 00	5:60
21	28 00	-63 00	6:16
22	28 00	-65 00	6:31
23	29 46	-65 34	6:46
24	30 00	-63 00	7:06