

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

Flt ID: 201108024N2	From: KMCF	To: KMCF
Flt. No: 11-076	Blk In: 0148 z	Time On: 0142
ETD: 1730	Blk Out: 1712 z	Time Off: 1722
ETE: 8+30	Blk Time: 8.6 Hrs	Flt Time: 8.3 Hrs
Sponsoring Org: NHC	Program: PHS SYN SURV	Purpose: IRENE

AOC Flight Crew

Aircraft Commander: HAGAN	Data System: HILL
Co-Pilot: TOTH	AVAPS: DEFEO / NEWNAM
Navigator:	System Eng: GOLDSTEIN (TOR)
Flight Eng:	A A:
Flight Director: HENNING, MORGAN	A A:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Mark BACON	NWS Wilmington	
AAMPS		
System crash 16:48:22 -		
21:22:00 21:27:31	33 sondes	
B.nc 21:00:00 30:13	all 33 good and transmitted	
01:49:33		
00z GAP → 00:02:50 thru		21:32:56
00:03:36		→ 21:46

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times	Fix #	Fix Time
Storm Name:	STAPRES		
Mission ID: NOAA9 1509A IRENE	(1013.4) +/o		29.93
penetration number and time	AL092011 (1012.0) 1 and		29.89
00z 23.4 74.8			

N49RF AOC GPS Dropwindsonde Log

Flight ID: 20110424N2

Flight Director: HENNING/MORGAN

Mission ID: N0AA9 1509A

Storm/Track: TRENE

Pg 1 of 1

Drop #	Ob #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R57	SFC Prs (mb)	Last Wind Alt (m)	Comments	Ch #	SatComm failures	KWBC #
1	01	10R125R92	1749	26.1°N	-79.5°E	St Cu Feucb	R5	1012.9	SFC		1		1619
2	02	10R015306	1806	30.1°N	-79.0°E		R5	1015.2	SFC		2		1636
3	03	10R135223	1822	32.0°N	-77.9°E		L5	1014.9	SFC		5		1456
4	04	102035003	1835	31.9°N	-76.1°E		R5	1016.1	SFC		4		1902
5	05	101425145	1853	30.0°N	-77.0°E		R5	1014.0	SFC		1		1921
6	06	102525070	1912	29.0°N	-76.0°E	undercast (st)	R5	1011.9	SFC		2		1937
7	07	102525006	1925	26.6°N	-75.8°E		R5	1009.2	SFC	fellabit fast	3		1953
8	08	102525109	1934	26.6°N	-74.1°E		R5	1009.0	SFC	kept RH	4		2000
9	09	102125256	1946	26.0°N	-74.1°E		R5	1011.3	SFC		1		2011
10	10	103125116	1956	29.0°N	-74.0°E		R5	1013.0	SFC		3		2022
11	11	102525145	2005	29.0°N	-74.0°E		R5	1013.8	SFC		4		2031
12	12	103415349	2016	29.0°N	-73.0°E		R5	1013.3	SFC		1		2045
13	13	103125081	2034	27.0°N	-72.1°E		L5	1010.7	SFC		6		2054
14	14	103415046	2046	25.9°N	-73.3°E		R5	1007.3	SFC		3		2117
15	15	102525065	2059	24.9°N	-72.5°E		R5	1005.2	SFC		4		2130
16	16	102525013	2110	24.4°N	-71.2°E		R5	1008.0	SFC		1		2137
17	17	102125046	2130	23.0°N	-71.7°E		R5	1004.7	SFC		2		2202
18	18	103125097	2139	22.1°N	-71.2°E		R5	1005.3	SFC		3		2209
19	19	102525122	2150	22.2°N	-72.5°E		R5	1003.4	SFC		4		2223
20	20	103455021	2201	21.2°N	-73.4°E		R5	1002.3	SFC		1		2227
21	21	103115381	2210	20.4°N	-74.5°E		R5	1002.0	SFC		2		2236
22	22	103755169	2219	21.3°N	-75.5°E		R5	1000.8	SFC		3		2245
23	23	102455123	2229	22.0°N	-76.5°E		R5	1000.0	SFC		4		2257
24	24	102535019	2240	22.6°N	-77.7°E		R5	1002.7	SFC		1		2310
25	25	103415015	2249	23.6°N	-76.2°E		R5	1003.5	1000m NO SFC WINDS		2		2319
26	26	103425142	2302	25.3°N	-78.5°E		R5	1006.4	SFC		3		2329
27	27	103815073	2316	26.9°N	-78.1°E		R5	1009.3	SFC		4		235614
28	28	103815106	2352	26.0°N	-82.6°E		L5	1009.8	SFC		5		003433
29	29	103815096	0008	26.5°N	-84.5°E		R5	1009.7	SFC		2		003916
30	30	103125095	0023	26.1°N	-86.5°E		R5	1007.7	SFC		3		005251
31	31	103125065	0041	28.0°N	-87.5°E		R5	1011.1	SFC	DIED AT 1005.6 mb	4		010615
32	32	103855097	0059	29.9°N	-86.4°E		R5	1012.7	SFC		1		0123
33	33	103855077	0115	26.5°N	-85.0°E		R5	1007.1	SFC		2		0136

Lead Tech: Gabe Defeo

Flight ID: 7e9082402

Landing: 2137 Flt Dir: 8.06 Hours:

✓ JAS

On 2011082500 the storm was centered at 23.6;-75.2

