

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 20120423N1	From: KMCF	To: KMCF
FLT #: 49	Blk In: 0147 Z	Lnd Time: 0140 Z
ETD: 1730 Z	Blk Out: 1717 Z	T/O Time: 1731 Z
ETE:	Total Blk: 4.5	Total Flt: 8.2
Sponsoring Org: NHC (NWS)	Program: Hurr Surv.	Purpose: ITS ISSAC

AOC Flight Crew

Aircraft Commander: HAGAN /	Data System: DEFO
Co-Pilot: TOTH / Mansour	Avaps: MASCARO / Warnecke
Navigator: /	System Engineer:
Flight Eng: /	AA: TDR: GOLDSTEIN
Flt Director: MORGAN / DAMIANO	AA:
Avionics:	Crew Chief:

Participating Scientists, Visitors, & Add'l Aircrew on back.

of people listed on back:

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1016.0mb	^{30.11} 1019.2mb	1015.4mb	30.08" = 1017.5mb

ATIS - Takeoff	
ATIS - Land	

Data Source	Number	Data Disposition / Date / Quality
Flight Level Tapes		
Radar Tapes		
Dropsondes	28	Good: 28 Bad: 0 Sent: 28
AXBT		

List other data sources on back in Remarks section.

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times:	Fix #	Fix Time
Storm Name: <u>ISAAC</u>			
Mission ID: <u>NOAA9 0809A ISAAC</u>			

Project: Hurricane 2012

Mission: HURRICANE 12 Flight ID: 20120823N1

Take Off: 1731

Landing: 0140

Flt Dir: MORGAN

DAMIAN⁰

Launcher S/N: 002

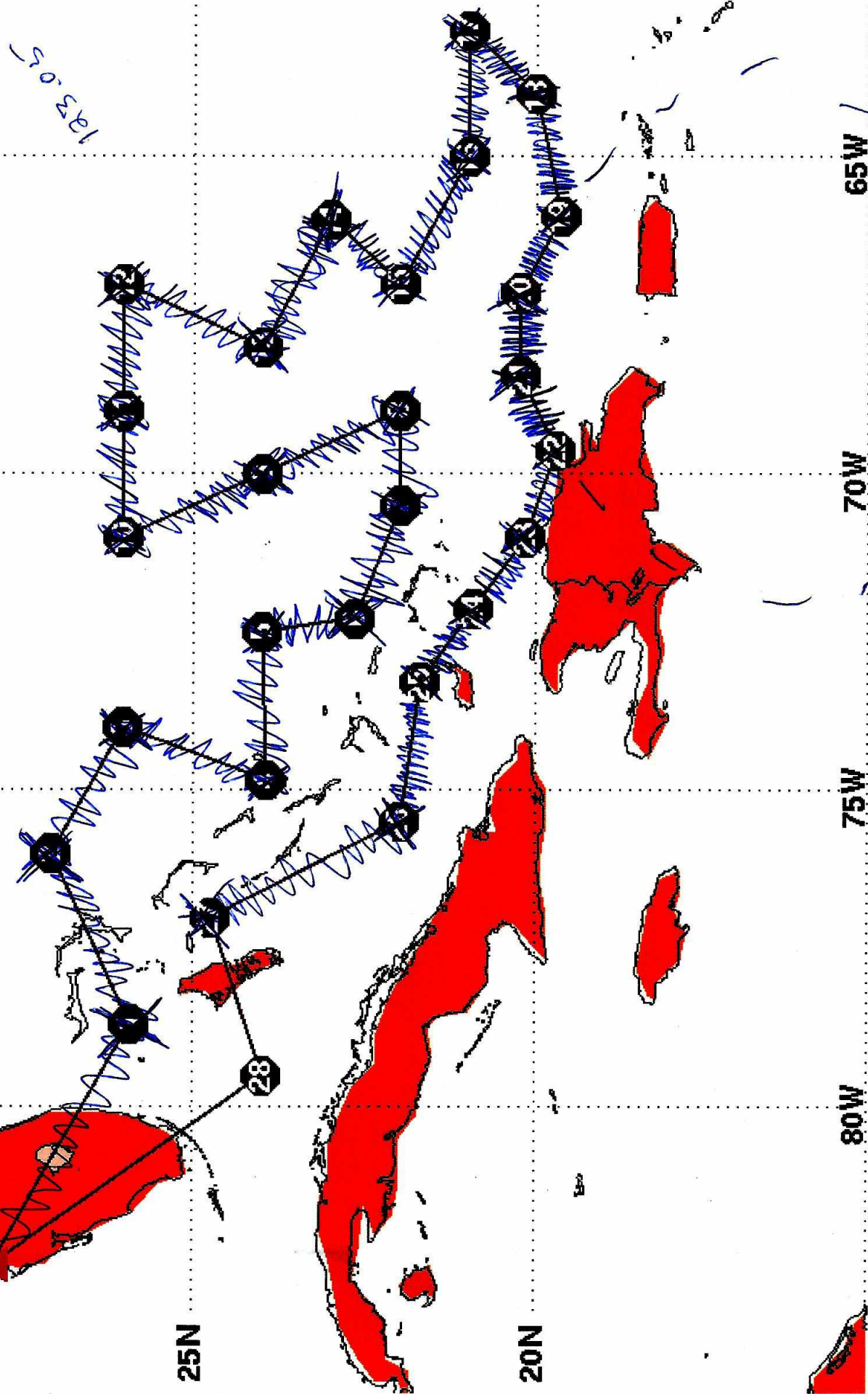
Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
1	120915298	1	0	1812	MM	NWS		✓
2	112115308	✓ 2	1	1833				
3	114615375	3	1	1850				
4	112115290	✓ 4	1	1909				
5	120915309	1	1	1925				
6	103845078	2		1937				
7	103845244	3		1951				
8	103845108	4		2002				
9	103845090	1		2019				
10	112115315	✓ 2		2037				
11	103855171	3		2051				
12	112065053	✓ 4		2105				
13	103845121	1		2122				
14	112115288	✓ 2		2139				
15	103825070	3		2150	JGW			
16	112115285	✓ 4		2206				
17	103845002	1		2220				
18	103845019	2		2231				
19	103845115	3		2247				
20	103845095	4		2258				
21	103845016	1		2309				
22	103845102	2		2320				
23	103825104	3		2330				
24	112115300	4		2342				
25	104055192	1		2352				
26	103845106	2		0009				
27	112115121	3		0034				
28	112115217	4		0053		NWS		
29								
30								
31								
32								
33								
34								

Defeo, MASARO, ASG, SWARN

No Comments

NOAA G-IV Flight Track Drop Locations for ISAAC (AL092012)

On 2012082400 the storm was centered at 17.3;-67.8



www Scrolling Stopped at 235951 OK I did not wait
 N49RF AOC GPS Dropwindsonde Log
 Nick reactivated line + www 225.4

Flight ID 20120823M1 Flight Director MORCAND/DAMIANUS

Mission ID N06449 0809A Storm ISAAC

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194947 PA+HT on www Scrolling
 done back

Drop #	Sonde ID#	Time (UTC)	Lat (°N)	Lon (°W)	Sfc Pres mb	WX Cond.	Comments	OB #	SatComm Failure	Send Time (UTC)
1	120915298	181234	25.93	78.62	1016.6	CLR/HZ		1		18442
2	112115308	183325	26.96	76.00	1017.9	CLR/HZ		2		19012
3	114615375	185028	25.96	74.01	1016.1	CLR/HZ		3		19192
4	112115290	190951	23.99	74.70	1015.4	CLR/HZ		4		19352
5	120915309	192539	23.95	72.56	1014.5	CLD TMB-		5		19502
6	103845078	193731	22.67	72.24	1013.6	CLD TMB-		6		20012
7	103845244	195157	22.00	70.48	1012.8	CLD BLW		7		20132
8	103845108	200259	22.10	69.10	1013.3	CLD BLW		8		20262
9	103845090	201958	24.00	70.00	1015.7	CLD BLW		9		20452
10	112115315	203709	25.95	70.88	1016.4	CLR	Recd 0810	11		21022
11	103855171	205104	26.00	69.00	1016.0	CLR		12		21162
12	112065053	210518	25.50	67.10	1016.4	CLR	2125	13		21302
13	103845121	212239	24.02	67.91	1015.9	CLR/CLD BLW	2143	14		21462
14	112115288	213921	22.97	66.11	1014.5	CLR/HZ/CLD	2202	15		22032
15	103825070	215025	21.94	66.86	1014.2	THCLD BLW	2215	16		22172
16	112115285	220642	21.00	65.00	1013.8	THCLD TCU	2228	17		22312
17	103845002	222050	20.91	63.16	1015.3	THCLD TCU	2244	18		22462
18	103845019	223119	20.00	64.00	1013.5	CLR/HZ	2254	19		22562
19	103845115	224720	19.67	65.94	1011.4	CLR/HZ	2308	20		23112
20	103845095	225821	20.21	67.16	1010.8	CLR/CLD	2320	21		23222
21	103845016	230900	20.20	68.48	1010.0	CLR/TCU	2332	22		23312
22	103845102	232008	19.74	69.74	1009.4	—	2344	23		23462
23	103825104	233041	20.16	71.00	1010.2	—	2356	24		23512

16.00 67.11 212

N49RF AOC GPS Dropwindsonde Log

Flight Director

MODERATO / DAININO

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Mission ID 0809A

Storm TSAC

best loop 388 572

[illegible]

1632 6805 23497

1802 Sando 185/17 Sndah