

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

137
25

FLT ID: 2012082621	From: KMCF	To: KMCF
FLT #:	Blk In: 1418 Z	Lnd Time: 1408 Z
ETD: 0530Z Z	Blk Out: 0513 Z	T/O Time: 0523 Z
ETE: 8	Total Blk: 9:05 (9.1)	Total Flt: 8:45 (8.8)
Sponsoring Org: DHC	Program: Surveillance	Purpose: TS Isaac

AOC Flight Crew

Aircraft Commander: Colner	Data System:
Co-Pilot: Moyers 1	Avaps: Smith
Navigator: 1	System Engineer: Roles
Flight Eng: 1	AA: Greene
Flt Director: Parrish 1 Henning	AA: Miller
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		30.00	1012.4	29.95

ATIS - Takeoff 07012 30.01 24

ATIS - Land E 1355Z 010/19 10V 1.6K 26/25 29.95

Data Source	Number	Data Disposition / Date / Quality
Flight Level Tapes		
Radar Tapes		
Dropsondes	32	Good: 31 Bad: 1 Sent: 31
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: Isaac	23 26W 14.D		
Mission ID: NOAA9 1909A ISRAE Trel 74 06Z 12Z			

WMM gp cropped out 0846Z.

Isaac → 0733Z 22 54W
78 39W 1110Z
23 23W
79 51W

N49RF AOC GPS Dropwindsonde Log

Flight ID:

Flight Director:

Mission ID:

Storm/Track:

Pg ____ of ____

20120826N1

PARRISH/HENNING
1909A ISAAC

Drop #	Ob #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R5?	SFC Pts (mb)	Last Wind Alt (m)	Comments	Ch #	SatComm failures	KWBC #
1	1	122455113	0610Z	23.4	84.8		RS	1009.9	SFC	045/20	1		260631
2	2	122455143	0653Z	21.1	82.6	FF					1		
3	2	122455141	0654Z	21.0	82.3		RS	1005.2	SFC	040/23	2		260714
4	3	122455103	0701Z	20.7	80.7		RS	1004.7	SFC	035/19	3		260723
5	4	122455102	0711	20.1	80.5		RS	1003.6	SFC	040/09	1		260733
6	5	110625067	0722	20.1	79.1		RS	1003.0	SFC	215/06	2		260742
7	6	104055174	0748	19.5	76.0		RS	1006.9	SFC	165/31	1		260806
8	7	112065226	0809	21.0	74.0		RS	1009.7	SFC	125/22	1		260828
9	8	104055171	0820	21.9	75.0		RS	1008.0	SFC	130/29	2		260839
10	9	122455139	0834	22.15	76.8		RS	1004.9	SFC	140/28	1		260855
11	10	111965014	0841	22.99	76.75		RS	1004.8	SFC	140/52	2		260901
12	11	111745262	0857	23.9	74.9		RS	1010.1	SFC	135/27	1		260917
13	12	12065265	0907	23.1	74.0		RS	1010.5	SFC	130/30	2		260927
14	13	111745189	0918	24.0	73.0		RS	1012.4	SFC	130/25	1		260937
15	14	111745162	0929	25.0	74.0		RS	1011.4	SFC	130/23	2		260948
16	15	112065066	0940	26.0	73.0		RS	1013.1	SFC	155/14	1		261002
17	16	111745191	0959	28.0	74.0		RS	1015	SFC	105/14	2		261018
18	17	111945300	1010	29.0	75.0		RS	1015.3	SFC	090/21	1		261031
19	18	122455138	1021	30.0	76.0		RS	1016.3	SFC	095/21	3		261042
20	19	111955003	1038	32.0	75.0		RS	1018.4	SFC	120/15	1		261058
21	20	111955018	1047	33.0	74.2		RS	1018.8	SFC	090/16	2		261108
22	21	122455098	1101	33.0	74.0		RS	1018.9	SFC	115/14	1		261120
23	22	122455146	1112	32.0	77.0		RS	1018.3	SFC	025/04	2		261133
24	23	112065308	1124	31.0	78.0		RS	1017.2	SFC	065/13	3		261143
25	24	111745259	1144	29.0	79.4		RS	1015.2	SFC	060/21	1		261207
26	25	104055181	1202	27.2	78.0		RS	1012.8	SFC	070/26	2		261222
27	26	112065231	1214	28.9	77.0		RS	1015.9	SFC	085/21	1		261239
28	27	111745155	1228	28.0	76.0		RS	1015.0	SFC	090/19	2		261248
29	28	112065303	1239	27	75.1		RS	1014.7	SFC	125/20	1		261258
30	29	111745153	1250	26	76		RS	1013.0	SFC	150/22	3		261309
31	30	122455131	1309	24.1	77.5		RS	1007.8	SFC	130/41	1		261328
	31	111745152	1320	25	78.5		RS	1007.7	SFC	105/43	2		261340

PT 20
PT 22

last page

Pre-flight
0400

N49RF AVAPS DROP LOG

Lead Tech: Gabe Defeo

Project: Hurricane 2012

Mission: *ISSAC* *Hull 13*Flight ID: *2012082611*

Take Off: _____

Landing: _____

Flt Dir: *Reverse* *Intersecting*Launcher S/N: *2*

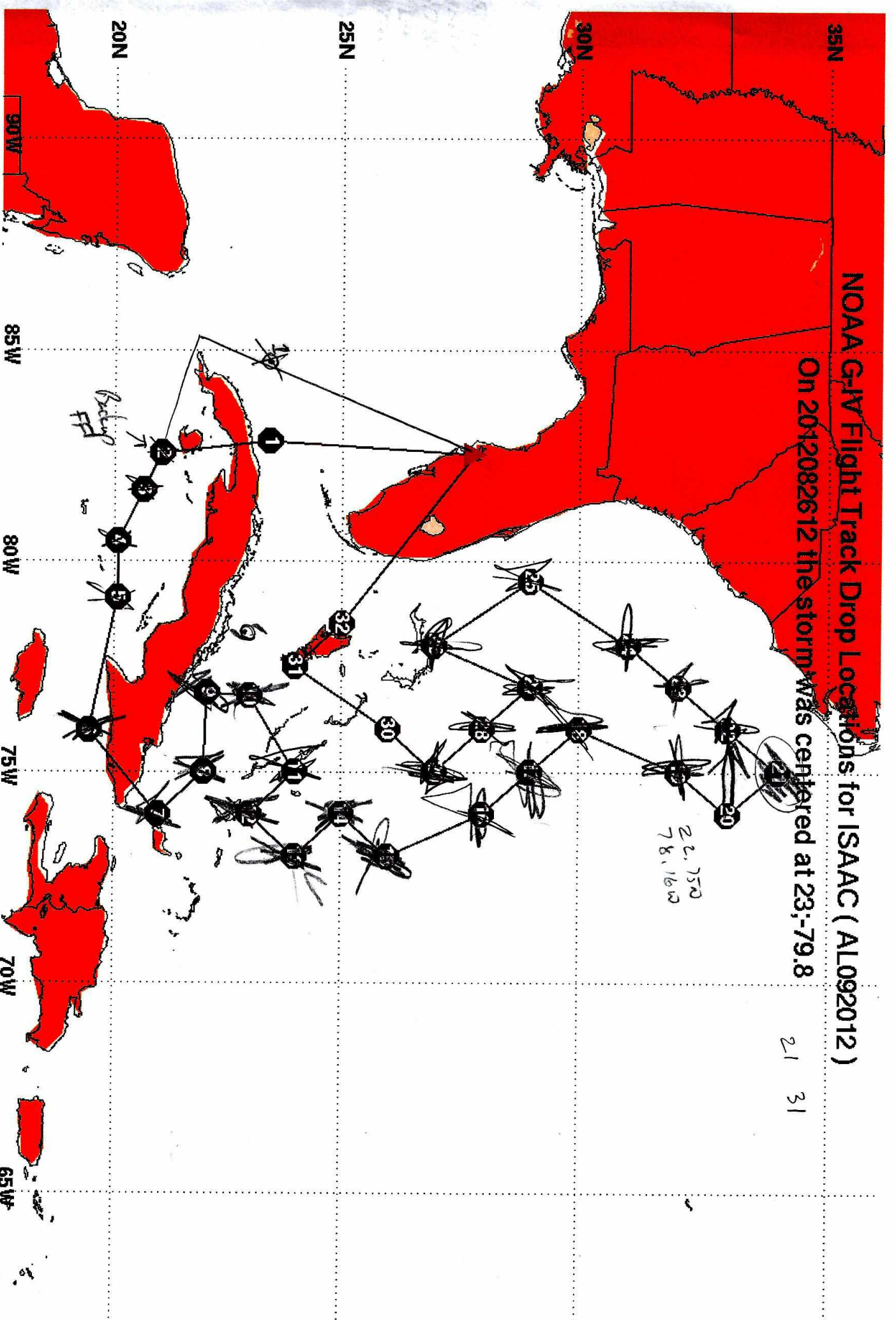
Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$ To	Comments	Good ?
1	122455113	1	—	0611	JRoley	HS	Good drop west curb	✓
2	122455143	1	—	0653	"	"	Fast Fall	✗
3	122455141	2	—	0655	"	"	Good	✓
4	122453403	3	—	0701	"	"	Good	✓
5	122455102	1	—	0711	"	"	Good	✓
6	110625067	2	—	0722	"	"	Good	✓
7	104055174	1	—	0748	"	"	Good	✓
8	112065226	1	—	0809	"	"	Good	✓
9	104055171	2	—	0820	"	"	Good	✓
10	122455139	1	—	0834	"	"	Good little faster	✓
11	111955014	2	—	0841	"	"	Good	✓
12	111745262	1	—	0859	"	"	Good	✓
13	112065265	2	—	0907	"	"	Good	✓
14	111745139	1	—	0918	"	"	Good	✓
15	111745162	2	—	0929	"	"	Good	✓
16	112065066	1	—	0940	"	"	Good	✓
17	111745191	2	—	0959	"	"	Good	✓
18	111945300	1	—	1010	"	"	Good	✓
19	122455138	3	—	1021	"	"	good	✓
20	111955003	1	—	1038	"	"	good	✓
21	111955018	2	—	1047	"	"	good	✓
22	122455098	1	—	1101	"	"	good	✓
23	122455146	2	—	1112	"	"	good	✓
24	112065308	3	—	1124	"	"	good	✓
25	111745259	1	—	1144	"	"	good	✓
26	104055181	2	—	1202	"	"	good	✓
27	112065231	1	—	1219	"	"	good	✓
28	111745155	2	—	1228	"	"	good	✓
29	112065303	1	—	1239	"	"	good	✓
30	111745153	3	—	1250	"	"	good	✓
31	122455131	1	—	1309	"	"	good	✓
32	111745152	2	—	1320	"	"	good	✓
33								
34								

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

On 2012082612 the storm was centered at 23;-79.8

21 31

22, 150
78, 160



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

On 2012082612 the storm was centered at 23°-79.8°

*Quint due to overflight
denial, western Cuba.*

