

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

FLT ID: 20120625N2	From: KMCF	To: KMCF
FLT #:	Blk In: 0155 Z	Lnd Time: 0147 Z
ETD: 1730 Z	Blk Out: 1716 Z	T/O Time: 1727 Z
ETE:	Total Blk: 4.7	Total Flt: 4.3
Sponsoring Org: NWS	Program: Huss Surv.	Purpose: TS Isaac

AOC Flight Crew

Aircraft Commander: TWINING	Data System: DEFEO
Co-Pilot: TOTH / MANSOUR	Avaps: MASLARO / WARNECKE
Navigator: /	System Engineer: TDR / GOLDSTEIN
Flight Eng: /	AA:
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	1014.4 mb	^{35.00} 1015.4	1013.5 mb	^{35.00} 1015.4

ATIS - Takeoff 1.3 1.9

ATIS - Land

Data Source	Number	Data Disposition / Date / Quality
Flight Level Tapes		
Radar Tapes		
Drosondes	36	Good: 36 Bad: 0 Sent: 36
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>NOAA 1709A</u>			

N49RF AOC GPS Dropwindsonde Log

235952 Z

Flight ID: 20120825N2

Flight Director: Morgan/DANNIARD

WMM Scudling STP/rod

Mission ID: 1709A

Storm/Track: ISAAC

OR # Pg 1 of 2

Start

Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R5?	SFC Pts (mb)	Last Wind Alt (m)	Comments	SatComm failures	HWID#
1	104055163	175856	27.10	79.00	H2/SCS	RS	101449.7	1817	1817	1	18222
2	103825035	180825	27.91	78.00	ABV CLD	RS	101597.1	1827	1827	2	18302
3	104055164	181843	27.10	77.00	ABV CLD	RS	101457.9	1839	1839	3	18372
4	104055158	182819	27.88	75.92	ABV CLD	RS	101527.9	1846	1846	4	18482
5	104055165	183748	27.00	75.10	ABV CLD	RS	101457.8	1857	1857	5	18582
6	11748237	184933	26.02	76.02	CLD	RS	101308.2	1911	1911	6	19152
7	11745275	190521	25.95	77.95	CLD	RS	101288.2	1927	1927	7	19302
8	104055066	192239	24.15	78.52	CLD	RS	100978.7	1941	1941	8	19432
9	104055173	193924	23.15	77.29	CLD	RS	100638.1	2001	2001	9	20052
10	104055154	194831	24.25	77.18	CLD	RS	100808.4	2010	2010	10	20132
11	11725023	195839	23.84	75.94	CLD	RS	100758.9	2017	2017	11	20212
12	112065075	200936	22.81	75.09	-SET/CLD	RS	100477.2	2031	2031	12	20352
13	11745188	202615	22.20	73.10	-SET/CLD	RS	100838.5	2045	2045	13	20492
14	103815277	204234	24.00	94.00	-SET/CLD	RS	100927.9	2101	2101	14	21042
15	103825051	205300	24.95	74.82	-SET/CLD	RS	10127.4	2114	2114	15	21172
16	103825048	210525	25.08	73.16	CLR/SET	RS	101258.0	2127	2127	16	21322
17	103825014	211559	26.01	73.91	CLR/SET	RS	101339.6	2138	2138	17	21422
18	103825001	212622	26.91	73.00	CLR/SET	RS	101498.0	2149	2149	18	21532
19	104055071	213730	26.00	71.97	CLR/SET	RS	101359.1	2157	2157	19	22002
20	103815316	214725	25.00	71.08	CLR/SET	RS	101387.4	2210	2210	20	22132
21	103825057	215849	24.00	71.91	CLR/SET	RS	101282.2	2219	2219	21	22242
22	103815307	220948	22.93	71.01	THN CLR	RS	101218.2	2233	2233	22	22362
23	104055157	222523	21.02	71.06	THN CLR	RS	101158.1	2247	2247	23	22492
24	104055184	224223	20.28	73.00	THN CLR	RS	100849.0	2304	2304	24	23102
25	104055166	230237	19.04	75.10	THN CLR/SET	RS	100558.1	2325	2325	25	23212
26	104055186	231229	18.09	75.92	THN CLR/SET	RS	100637.3	2334	2334	26	23402
27	103825030	232220	17.53	77.03	Am. TCU	RS	100575.0	2347	2347	27	23522
28	103825015	233702	18.58	78.47	CLR/SET	RS	100467.9	2357	2357	28	23592
29	103815289	234722	19.21	79.62	CLR/SET	RS	100408.2	0008	0008	29	0013
30	110355381	235746	20.19	80.49	CLR/SET	RS	100377.8	0020	0020	30	0022
31	104055161	000429	20.47	80.80	CLR/SET	RS	100357.7	0024	0024	31	0028
32	103815298	002846	23.76	79.79	CLR/SET	RS	100868.3	0056	0056	32	00542
33	103815290	003507	23.56	80.55	CLR/SET	RS	100858.5	0105	0105	33	00542

1201
2121
7550
23

LS check

N49RF AOC GPS Dropwindsonde Log

Flight ID: 20120825N2

Flight Director: Morgan/DAMIANO

Mission ID: 17091A

Storm/Track: ISAAC

Pg 2 of 2

Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R5?	SFC Pts (mb)	Last Wind Alt (m)	Comments	SatComm failures	LAMP#
34	122455171	0105356	24.04	83.00	—	R5	1010.7	7.3	0112		01162
35	122455177	010713	25.51	84.00	—	R5	1013.3	9.0	0130		01302
36	103815301	012057	22.00	84.88	—	R5	1014.4	7.9	0141		01452
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5											
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Project : Hurricane 2012

Mission : HURRICAN 12 Flight ID : 20120825N2

Take Off : 1727

Landing : 0146

Flt Dir : MORRIS CAM AND Launcher S/N: 002

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
1	104055163	1	0	1758	MAN	NWS		
2	103825035	2		1808				
3	104055164	3		1818				
4	104055158	4		1828				
5	104055165	1		1837				
6	111745237	2		1849				
7	111745275	3		1905				
8	104055066	4		1922				
9	104055173	1		1939				
10	104055154	2		1948				
11	111735023	3		1958				
12	112065075	4		2009				
13	111745188	1		2026				
14	103815277	2		2042				
15	103825051	3		2053				
16	103825048	4		2105				
17	103825014	1		2116				
18	103825001	2		2126				
19	104055071	3		2137	JGW	NWS		✓
20	103815316	4		2147				
21	103825037	1		2158				
22	103815307	2		2209				
23	104055157	3		2225				
24	104055184	4		2242				
25	104055166	1		2302				
26	104055186	2		2312				
27	103825030	3		2322				
28	103825015	4		2337				
29	103815289	1		2347				
30	110355381	2		2357				
31	104055161	3		0004				
32	103815298	4		0028				
33	103815290	1		0035				
34	122455171	2	⊕	0053	JGW	NWS		

COMMENT
 NO MASCAED

GAP IN DATA
 2350 MB OK 15

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
35	122455177	3	0	0107	JGW	NWS		
36	103815301	4	0	0120	JGW	NWS		
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Drop Station Operator Notes

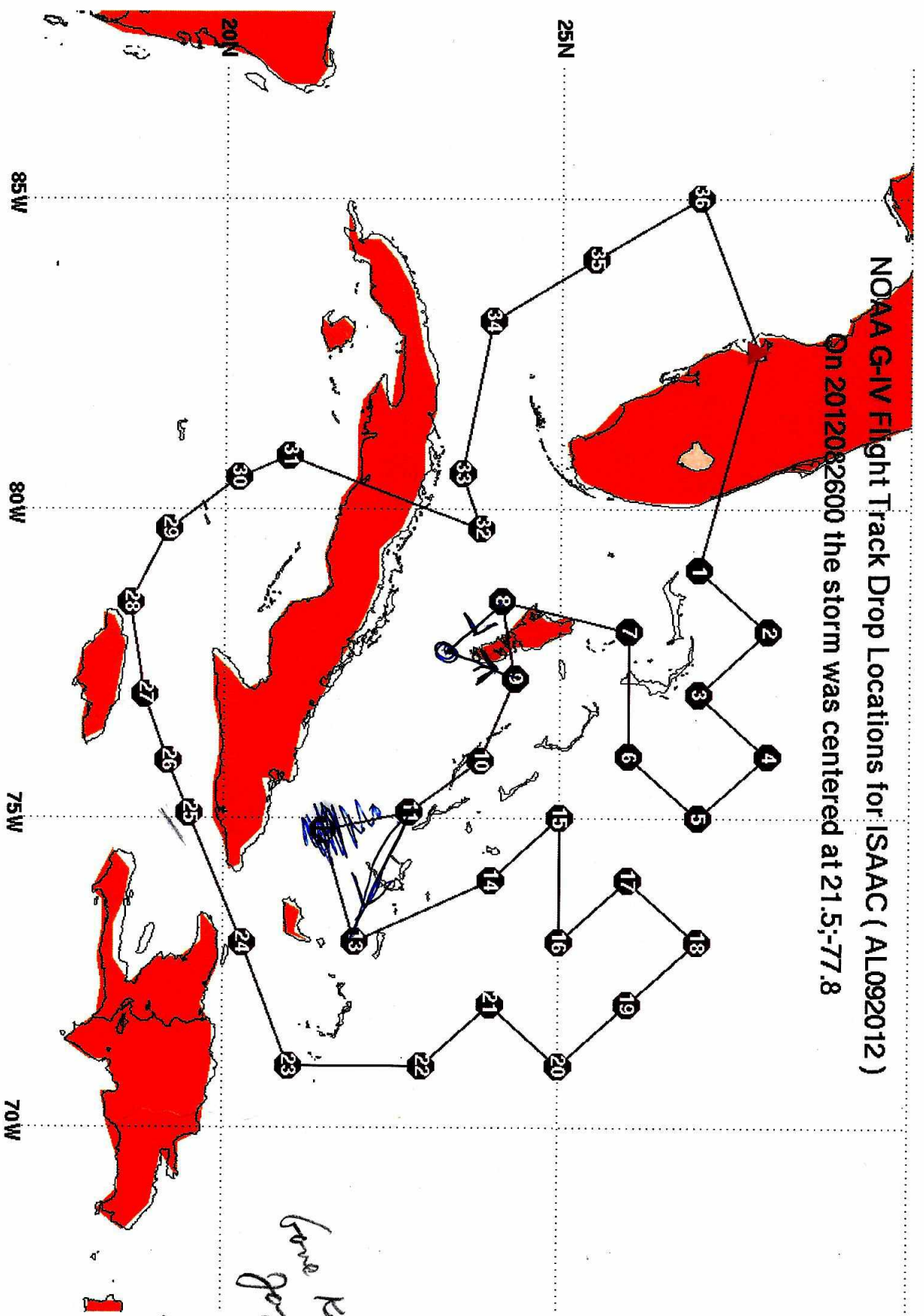
Charge \$\$ To Options: NWS, HFIP, NESDIS, or HRD ONLY – Do not use accounting codes!!!

AVAPS Pre-Flight Check:

- If time-permits, verify cabin pressure sensor w/ lab standard
- Start AVAPS., then start Soundings and set the Project Name and Full Flight ID (example: 20120823N2).
- Verify the Frequency band allocation as required:
Band A - W53rd, Band B - N42RF, Band C - N43RF, Band D - N49RF, Band E - not allocated
- Perform a prelaunch check on each channel, look for reasonable data and no CRC error status lights. Verify data is available on Remote AVAPS at R1 and L1, then terminate the sonde by selecting **Abort** to cancel the sonde initialization. Verify the AVAPS Data mission folder has been created

AVAPS Launch:

- Select a sonde frequency in the Green band and away from other sondes
- Enter sonde pressure error offset if 0.4mB or greater
- Select "begin data collection" and verify good data with winds prior to putting sonde in launch tube
- Loosen ribbon and extend end of ribbon to near, but not over, the sensor end of the sonde
- Place the sonde in the launch tube, sensor arm up, with the power pin socket facing starboard
- Verify the sonde is actively tracking GPS data prior to launch and no early launch detect



*some printer
junk
at 5:10pm*

*use of COMPASS TABLE
on VISTA TO ADD Clog pts*

*25 26 27 28 For SWR WX
around SWMTC 8/25/2012 11:25 AM*