

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center				
FLT ID: 080907N		From: KMCF		To: KMCF
FLT #: 08-057		Blk In: 0126 Z (8.2)		Lnd Time: 0118 Z (7.8)
ETD: 1730 Z		Blk Out: 1717 Z		T/O Time: 1728 Z
ETE: 8 hrs		Total Blk: 8 hrs 9 min		Total Flt: 7 hrs 50 min
Sponsoring Org: NHC		Program: HURROS		Purpose: SURVEILLANCE
AOC Flight Crew				
Aircraft Commander: FINN			Data System: ROGERS	
Co-Pilot: GLOVER 1			Avaps:	
Navigator: 1			System Engineer:	
Flight Eng: 1			AA: CARPENTER	
Flt Director: ALMEIDA PARRISH			AA: GOLDSTEIN	
Avionics:			Crew Chief:	
Participating Scientists, Visitors, & Add'l Aircrew on back.				# of people listed on back: 0
	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure				
ATIS - Takeoff	1555Z	0600KT	10SM	31/23
KTPA	0053Z	0705KT	10SM	31/19
ATIS - Land	2255Z	0700KT	10SM	31/24
KMCF				
Data Source	Number	Data Disposition / Date / Quality		
Flight Level Tapes	1	partial tape, tape failed after ~1hr		
Radar Tapes	—			
Dropsondes	30	Good: 29	Bad: 1	Sent: 29
AXBT	—			
Remarks (Storm Name, Mission ID, Recco Times, Fix Times)			Recco	
			Times:	Fix # Fix Time
Storm Name: IKE				
Mission ID: NOAA 1009A				

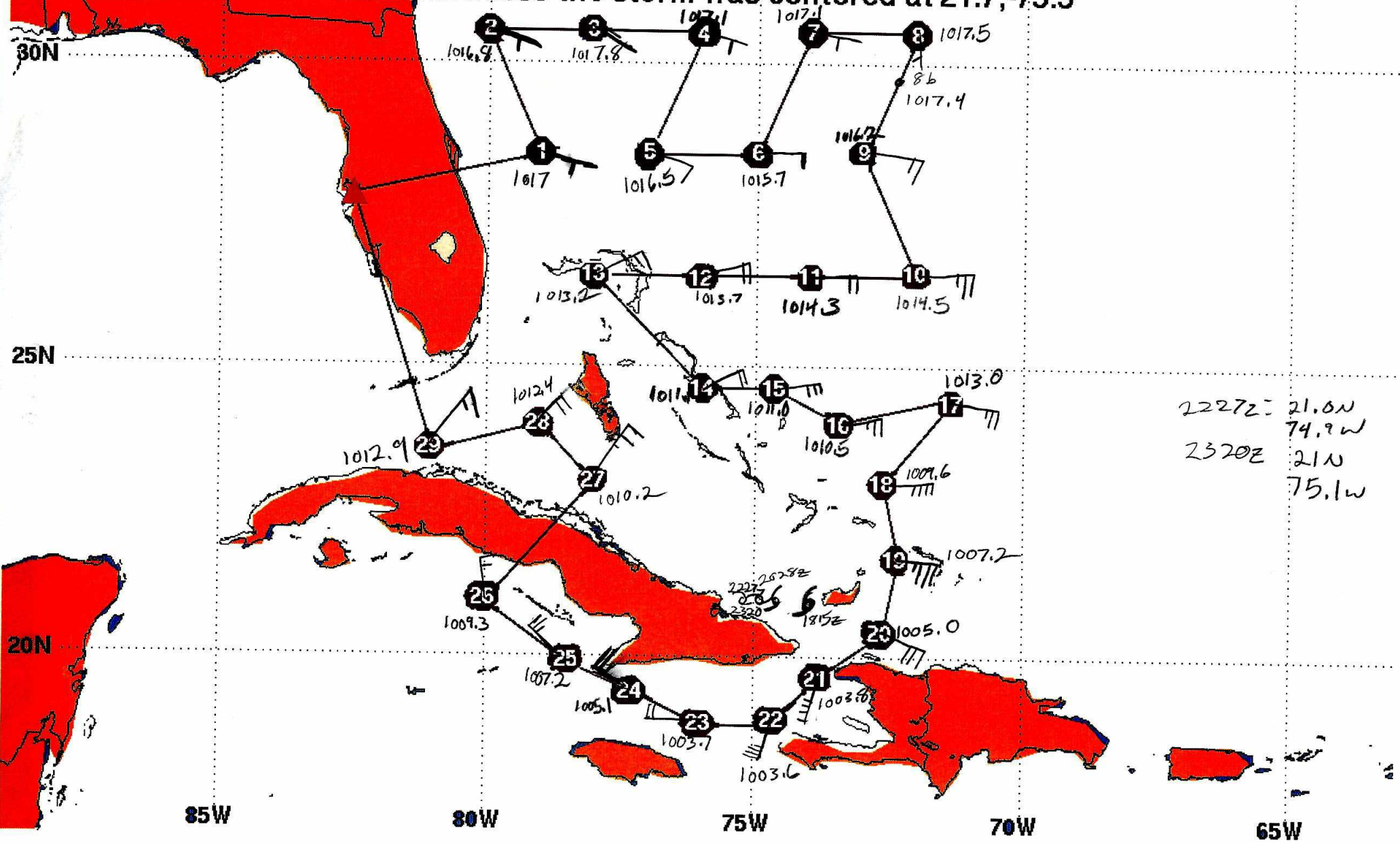
Teal 71?

NOAA 2 18Z-20Z

Chris Landsecc 305-479-8657

work 305-229-4446

NOAA G-IV Flight Track for IKE (AL092008) On 2008090800 the storm was centered at 21.7;-75.3



2227Z 21.0N
 74.9W
 2320Z 21N
 75.1W

N49RF AOC GPS Dropwindsonde Log

Flight ID: 080907N

Flight Director: ALMEIDA / PARRISH

Mission ID: 1100AA9 1009A

Storm Name: IKE

Pg 1 of

Ch. #	Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°W)	Wx Cond.	L5/R5	SFC Prs (mb)	Sfc Wnds?	Comments	Ob #	SatComm failures	Sent Time (UTC)
1	1	062839062	175739	28 33	79 06	ScT Cu As Tcu		1017.3	13m	0.6mb diff betw L5 & R5	1		
4	2	062249035	181437	30 27	79 53	ScT Cu As Tcu		1016.8	L5	R5 Last wind 1.9m L5 Last wind 12m	2		
1	3	062839223	182804	30 31	77 59	BKN Sc As Cs		1017.8	L5	R5 LW = 15m L5 LW = 10m	3		
4	4	062049110	184137	30 26	76 06	BKN Sc Cs		1017.1	L5	killed R5 in air to reset son.	4		
1	5	062249193	185746	28 33	76 53	BKN Sc Cs Tc		1016.5	L5	R5 LW = 15m L5 LW = 10m	5		
4	6	062259035	191147	28 34	75 00			1015.7	☺		6		
1	7	062949059	193006	30 28	73 57			1017.1	☹	R5 LW = 21m L5 LW = 19m	7		
4	8	062949038	194331	30 26	72 06	BKN Sc Cu Tcu		1017.5	L5	lost wire L5	—		
1	9	062839225	196122	29 33	72 29	BKN Sc As		1017.4	☹	R5 LW = 22m no L5. Bump	8		
4	10	061449123	200151	28 21	72 55	ScT Sc Cs		1016.2	L5	R5 LW = 22m L5 LW = 10m	9		
1	11	062259046	201752	26 33	72 08	OVC Cs		1014.5	L5	R5 LW = 20m L5 LW = 10m	10		
4	12	062249170	203146	26 32	74 01	OVC Cs, Cu Sc		1014.3	L5	R5 LW = 13m L5 LW = 10m	11		
1	13	062259040	204614	26 32	76 01	OVC Cs Sc As		1013.8	L5	R5 LW = 35m L5 LW = 10m	12		
4	14	062339052	205950	26 23	77 50	BKN Cu Cs As		1013.2	L5	R5 LW = 27m L5 LW = 10m	13	0.6mb Δ betw L5 & R5	
1	15	063239003	212012	24 38	75 56	OVC Sc As Cs		1011.1	L5	R5 LW = 16m L5 LW = 10m	14		
4	16	061519077	213012	24 36	74 38			1011.0	^^	0.5mb diff betw L5 & R5	15		
1	17	062259007	214053	24 04	73 25	OVC Cs		1010.5	^^	0.5mb diff betw L5 & R5	16		
4	18	062249194	215616	24 20	71 23	OVC Cs		1013.0	^^		17		
1	19	062949093	221128	22 58	72 34	OVC Cs		1007.6	^^		18		
4	20	062049157	222232	21 42	72 19	OVC Cs		1007.2	^^		19		
1	21	062249054	223358	20 24	72 38	OVC Cs		1005.0	^^		20		
4	22	062939012	224532	19 38	73 48	OVC Cs		1003.8	^^		21		
1	23	062939007	225524	18 47	74 39	OVC		1003.6	^^	Pass supercell	22		
4	24	063019165	230538	18 44	75 58	OVC		1003.7	L5	R5 LW = 21m L5 LW = 10m	23		
1	25	062339045	231554	19 21	77 10	OVC		1005.1	^^		24		
4	26	063229058	232625	19 54	78 27	OVC		1007.2	L5	R5 LW = 17m L5 LW = 12m	25		
1	27	062839063	234040	20 56	79 54	DARK		1009.3	^^		26		
4	28	062919009	000340	23 00	78 05	DARK		1010.2	^^		27		
1	29	062839328	001423	23 57	79 02	DARK		1012.4	^^		28		
4	30	062939158	002922	23 38	81 00	DARK		1012.9	^^		29		

N49RF AVAPS DropSonde Log

Project: Hurr '08 Flight ID: 080907na Flt Dir: Almeida

Mission: Ike Flight #: 3 Status: Sys 1 ☒ Sys 2 ☒ Launcher S/N: 02

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments /Status/ Failure Reason	\$	GOOD ☒
1	062 839 062	1	1757	0	17	DWC	OK	N	☒
2	062 249 035	4	1814		5				☒
3	062 839 223	1	1828		12				☒
4	062 049 110	4	1841		3		Reset AVAPS chassis @ FD request		☒
5	062 249 193	1	1857	✓	5		OK		☒
6	062 259 035	4	1911	.5	2				☒
7	062 949 089	1	1929	0	1				☒
8	062 949 038	4	1943	.7	23		weak telemetry - lost winds		☒
9	062 839 225	1	1951	0	45		b/v for drop # 8		☒
10	061 449 123	4	2007		10		OK		☒
11	062 259 046	1	2017		8				☒
12	062 249 170	4	2031		8				☒
13	062 259 040	1	2046		2				☒
14	062 339 052	4	2059		7				☒
15	063 239 063	1	2119		7				☒
16	061 519 077	4	2130		8				☒
17	062 259 007	1	2140		6				☒
18	062 249 194	4	2156		1				☒
19	062 949 093	1	2211		20				☒
20	062 049 157	4	2222		19				☒
21	062 249 054	1	2233		12				☒
22	063 939 012	4	2245		14				☒
23	062 939 007	1	2255		3				☒
24	063 019 165	4	2305		3				☒
25	062 339 045	1	2315		19				☒
26	063 229 058	4	2326		5				☒
27	062 839 063	1	2340		1				☒
28	062 919 009	4	0003		12				☒
29	062 839 320	1	0014		10				☒
30	062 939 138	4	0029	✓	3	✓	✓	✓	☒
31									
32									
33									

\$ Codes A = AOC N = NHC/NWS H = HRD OW = NESDIS

Aviation Digital Data Service (ADDS)

Output produced by TAFs form (1505 UTC 07 September 2008)
found at <http://weather.aero/tafs/index.php>

KMCF 071455Z 05011KT 10SM CLR 30/24 A3004 RMK AO2A SLP175 T02980240 53005 \$

KMCF 070808 06005KT 9999 SKC QNH2999INS
BECMG 1718 33007KT 9999 SCT030 QNH2993INS
BECMG 2223 07008KT 9999 SKC QNH2993INS T33/09Z T33/18Z AUTOMATED SENSOR METWATCH 0708 TIL 0709

KTPA 071453Z 06007KT 10SM CLR 31/22 A3005 RMK AO2 SLP174 T03060222 53005

KTPA 071120Z 071212 VRB03KT P6SM SKC
FM1400 04006KT P6SM FEW035 SCT250
FM1800 32008KT P6SM SCT050 SCT250
FM0000 01006KT P6SM FEW050 SCT250
FM0300 05004KT P6SM SCT250
FM0600 VRB03KT P6SM SCT250

KPIE 071453Z 07005KT 10SM CLR 31/24 A3005 RMK AO2 SLP175 T03060239 53008

KPIE 071120Z 071212 VRB03KT P6SM SKC
FM1400 04006KT P6SM FEW035 SCT250
FM2000 34008KT P6SM SCT050 SCT250
FM0000 01008KT P6SM FEW050 SCT250
FM0300 05008KT P6SM SCT250
FM0600 VRB04KT P6SM SCT250

T/O ~1730Z

NE-NW wnds 8-10kt

040 -320

drops 1-13 look good
some possible shra
along boundary to develop
should be above

14-22 storm environment

w/20-22 poss. roughest?
depends on mountain effects
+ wind flow. mtns ~3-6 kt

23-29 should be ok, but
outer rainband will probably
kick up the wx, but less
mtns we should stay above
it.

Lnd ~0130Z

N wnds ~6-8 kts