

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

Flt ID: 080720N	From: KMCF	To: KMCF
Flt. No: 08-	Blk In: 0205 z	Time On: 0156 z
ETD: 1730z	Blk Out: 1712 z	Time Off: 1725 z
ETE: 8 + 30	Blk Time: 8 + 53	Flt Time: 8 + 31
Sponsoring Org: NOAA-NHC	Program: HUR08	Purpose: Surv.

AOC Flight Crew

Aircraft Commander: FINN	Data System: ROGERS
Co-Pilot: LONGENECKER / ODELL	AVAPS: MILLER
Navigator: /	System Eng: GOLDSRIN
Flight Eng: /	A A:
Flight Director: FLAHERTY / MAYEAUX	A A:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Storm Name: TS DOLLY
Mission ID: NOAA 0704A DOLLY

NOTES:

Recco Times

Fix # Fix Time

TEMP @ 2130
WARM ANEMOMETER?
FRAMMONT?

(See reverse for additional remarks)

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Flight ID: 080720 N Time Off: 1725 Z Time On: 0156 Z

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1018.8	A3011	1017.2	A3004

	Number	Data Disposition / Date / Quality
Flight Level Tapes	2	
Radar Tapes	/	
Cloud Physics Tapes / CDs	/	
Video Tapes	/	
Dropsondes	29	Good: Bad: 1 BACKUP - BUT 29 OBS SENT
AXBT	X	
AXCP	X	
AXCTD	X	

Remarks:

TAKE OFF WEATHER: 165 Jz 23005_{kt} 10SM 31/25 3011

LANDING WEATHER: 0055_z 31004_{kt} 10SM 29/24 3004

Flight ID _____ Flight Director _____ Page ____ of ____

Mission ID _____ Storm _____

Flight Director

Storm

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[illegible]

N49RF AOC GPS Dropwindsonde Log

Flight ID 080720N

Flight Director Mayeaux

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Mission ID Notaa 0704A Dolly Storm Dolly

Drop #	Channel # Sonde ID	Time (UTC)	Lat (°N)	Lon (°W)	Sfc prs mb	WX Cond.	Comments	OB #	SatComm Failures	Sent Time
2	061519083	182905	2130	8530	1014.5	Clear	Lost winds 500-850m	2		1854Z
3	05462016	185018	2100	8300	1014.5	Clear	523.3	3		1913Z
4	061229141	190535	2059	8100	1014.4	Undercast	152349	4		1924Z
5	061339201	194150	1700	8100	1012.1	Undercast	160041	6		1949Z
6	05462067	203306	1605	8740	1009.8	Set below	165313	8		2001Z
8	05455082	210024	1639	8508	1009.0	Undercast	172404	10		2053Z
10	061449169	212250	1900	8400	1006.2	Cloudy	174555	12		2124Z
12	05461031	214829	2108	8607	1011.4	Cloudy	180026	13		2146Z
13	061334292	222301	2226	90.3	1013.9	Clear	184008	15		2208Z
15	061339175	224109	2100	9200	1013.0	Clear	185845	17		2240Z
17	061319100	230204	1400	9400	1012.0	Clear	192122	19	1	2259Z
19	05461033	231823	2100	9400	1013.9	Clear	193516	20		2322Z
21	061339169	233022	2200	9300	1014.4	Clear	195012	21		2336Z
22	061339207	234027	2200	9200	1014.4	Clear	200117	22		2350Z

1838
3444

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: INVEST

National Hurricane Center: July 20, 2008 8:52:00 AM

Aircraft: N49RF

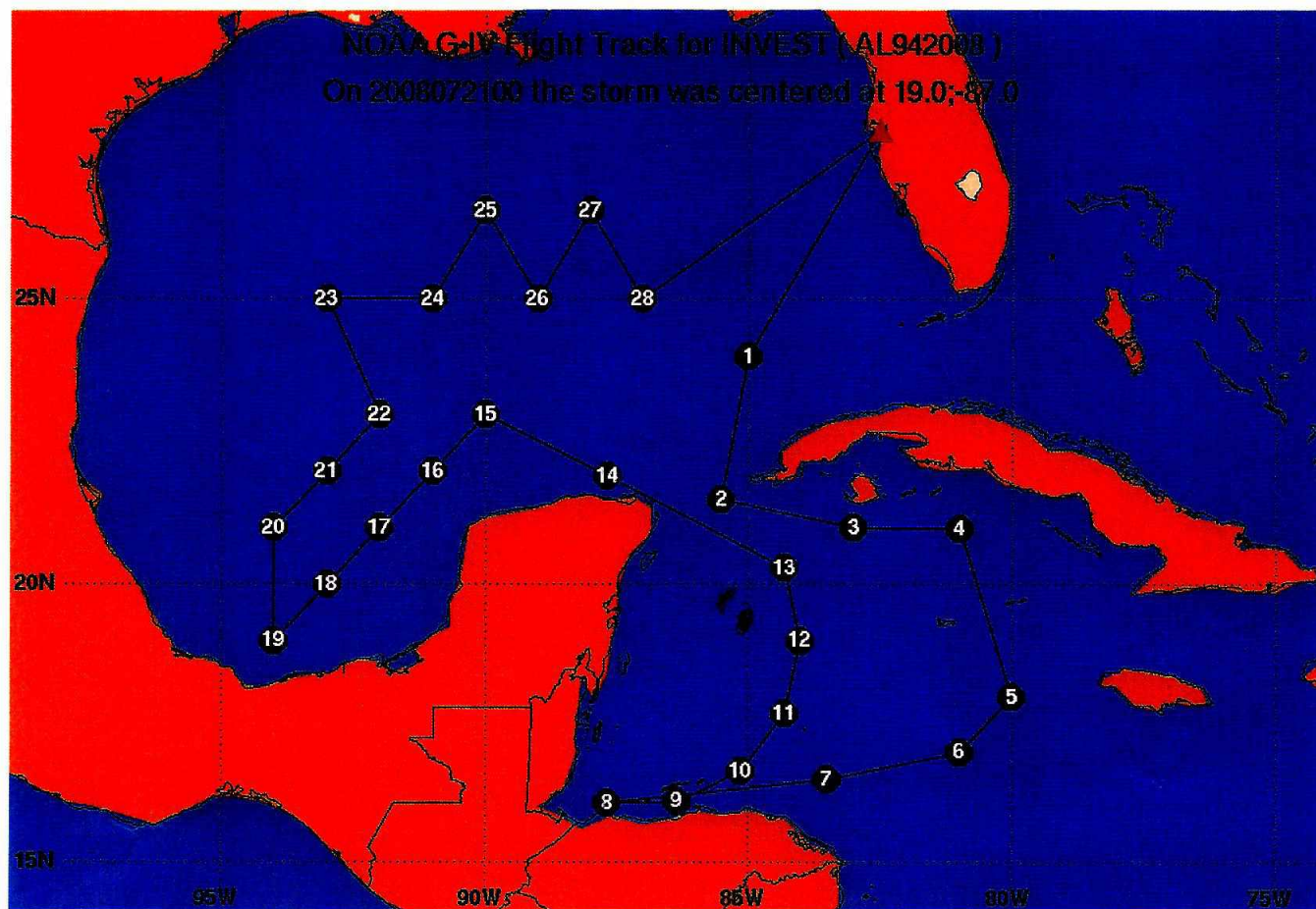
Proposed takeoff: 20/0930Z

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TURN LOCATIONS

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#	LAT (d m)	LON (d m)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	27 51	-82 31	0.	0.	0:00
1	24 00	-85 00	270.	270.	0:37
2	21 30	-85 30	152.	423.	0:58
3	21 00	-83 00	147.	571.	1:18
4	20 59	-81 00	115.	687.	1:34
5	18 00	-80 00	188.	875.	1:59
6	17 00	-81 00	83.	959.	2:11
7	16 30	-83 30	149.	1109.	2:31
8	16 05	-87 40	246.	1355.	3:05
9	16 06	-86 20	77.	1433.	3:15
10	16 39	-85 08	78.	1511.	3:26
11	17 42	-84 18	79.	1591.	3:37
12	19 00	-84 00	79.	1671.	3:48
13	20 18	-84 18	79.	1751.	3:59
14	23 00	-90 00	367.	2118.	4:49
15	19 00	-94 00	333.	2452.	5:34
16	21 00	-94 00	120.	2572.	5:51
17	23 00	-92 00	166.	2738.	6:13
18	25 00	-93 00	132.	2871.	6:32
19	25 00	-91 00	114.	2986.	6:47
20	26 30	-90 00	106.	3092.	7:02
21	25 00	-89 00	106.	3199.	7:16
22	26 30	-88 00	106.	3305.	7:31
23	25 00	-87 00	106.	3412.	7:45
24	27 51	-82 31	306.	3718.	8:27



noaa 0704A Dolly

2008072100_AL942008_N49drops

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: INVEST

National Hurricane Center: July 20, 2008 8:52:00 AM

Aircraft: N49RF

Proposed takeoff: 20/0930Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	TIME (h:mm)
1	24 00	-85 00	0:37
2	21 30	-85 30	0:58
3	21 00	-83 00	1:18
4	20 59	-81 00	1:34
5	18 00	-80 00	1:59
6	17 00	-81 00	2:11
7	16 30	-83 30	2:31
8	16 05	-87 40	3:05
9	16 06	-86 20	3:15
10	16 39	-85 08	3:26
11	17 42	-84 18	3:37
12	19 00	-84 00	3:48
13	20 18	-84 18	3:59
14	21 55	-87 40	4:29
15	23 00	-90 00	4:49
16	22 00	-91 00	5:00
17	21 00	-92 00	5:12
18	20 00	-93 00	5:23
19	19 00	-94 00	5:34
20	21 00	-94 00	5:51
21	22 00	-93 00	6:02
22	23 00	-92 00	6:13
23	25 00	-93 00	6:32
24	25 00	-91 00	6:47
25	26 30	-90 00	7:02
26	25 00	-89 00	7:16
27	26 30	-88 00	7:31
28	25 00	-87 00	7:45

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NOAA G-IV Flight Track for INVEST (AL942003)
On 2008072100 the storm was centered at 19.0;-87.0

