

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

AOCWF1

Flt ID: 021002N1	From: KMCF	To: KMCF
Flt No: 03 - 003	Blk In: 1228	ATA: 1219
ETD: 0530Z	Blk Out: 0528	ATD: 0543
ETE: 7	Blk Time: 7:00 (7.0)	Flt Time: 6:36 (6.6)
Sponsor Org: NHC	Program: Surveillance	Purpose: H. 543 Lili

AOC Personnel

AC: Finke ✓	Sys Eng: Goldstein ✓
CP: McCann / Maxson ✓	Data Sys: Barr ✓
Nav:	Radar:
FE:	GPS/BT: Carpenter ✓
FD: Parrish ✓	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
White, S. ✓	HAPS	AOC/HAD
Murillo, S. ✓	HAPS	HAD
Brown, Bryan ✓	Visitor	AF JAG
Hughes, Troy ✓	Visitor	AF JAG

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

2413A LILI NOAA43 TEAL 744 062 TEAL 54 12-182

42/7.2
25/23
Landed
10:38Z
070/9
24/24
30.01
Flown as planned. WD.02422
23 16N
86 21W

963mb

0547Z

23 36

87 09

955

0648Z

23 41

87 22

458

1016.5

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AOCWF2

Flt ID:		Time Off:		Time On:	
	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)	
Pressure	1016.3		1016.5	30.01	
	Number	Data Disposition / Date / Quality			
Flt Lvl Tapes					
Radar Tapes					
Cloud Physics Tapes					
Video Tapes					
AXBT					
AXCP					
AXCTD					
Dropsondes	26	All good			
Video					
	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					
Remarks					

Drop 1 071337✓
2 071314✓
3 071249✓

Drop 4 075707✓
5 075648✓
6 075626✓

Drop 7 084205✓
8 084144✓
9 084123✓

Drop 10 093650✓
11 093631✓
12 093610✓

Drop 13 101644✓
14 101626✓
15 101602✓

16 112052✓
17 112033✓
18 112010✓
19 111945✓

20 115750✓
21 115731✓

N49RF AVAPS DropSonde Log

N49RF Project: 14902 Flight ID 021002N1
 Mission: LILI Flight #: RF17 System Status: NIGHT CREW RULES!

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	013 635 076	1	0605	.3	20	JMB		✓
2	013 945 052	2	0623	.1	21	JMB		✓
3	013 945 039	1	0641	.4	40	JMB		✓
4	013 215 130	2	0659	.1	50	JMB		✓
5	013 635 069	1	0721	.4	17	JMB		✓
6	013 945 053	2	0740	.2	16	JMB		✓
7	012 625 034	1	0759	.7	18	JMB		✓
8	013 635 153	2	0814	.7	30	JMB		✓
9	013 945 046	1	0830	.2	13	JMB		✓
10	013 635 074	2	0846	.4	20	DWC		✓
11	013 635 116	1	0902	.3	26			✓
12	013 635 141	2	0916	.5	24			✓
13	013 635 047	1	0930	.5	19			✓
14	013 248 082	2	0946	.2	30			✓
15	013 215 459	1	1000	.3	16			✓
16	013 635 146	2	1018	0	20		Partial winds (intermittent)	✓
17	013 248 082	2	1036	.3	31			✓
18	012 525 056	1	1048	.4	31			✓
19	013 215 182	2	1104	.3	30			✓
20	013 248 089	1	1122	.3	19			✓
21	013 945 047	2	1142	.4	12			✓
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								

Early Thurs morning

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: LILI/SYNOPTIC

NOAA/Hurricane Research Division Monday, September 30, 2002 12:15:45 PM

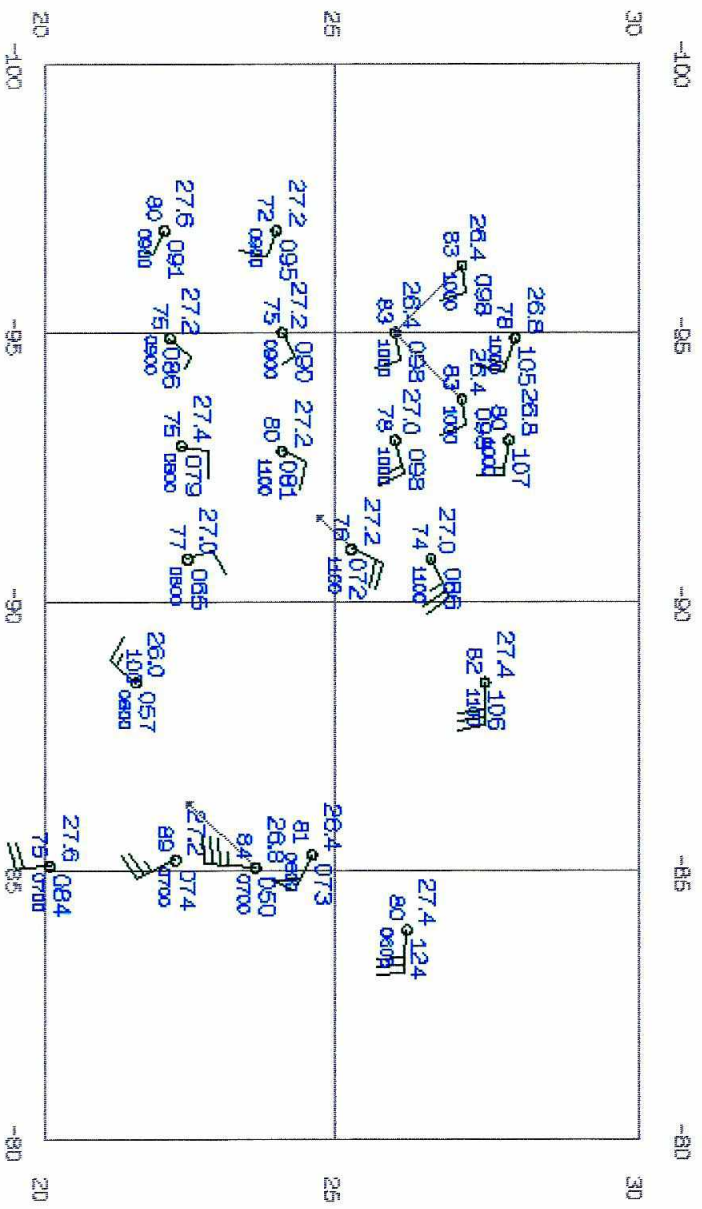
Aircraft: N49RF

Proposed takeoff: 02/0530Z

DROP LOCATIONS

G-IV Instrument Drop Points
0648Z
23 09
87 22

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 13	83 56		0:17
2	24 35	85 21		0:34
3	22 17	85 10		0:53
4	20 00	85 00		1:12
5	22 33	86 12		1:35
6	21 36	88 30		1:54
7	22 33	90 47		2:14
8	22 22	92 51		2:30
9	22 11	94 55		2:47
10	22 00	97 00		3:03
11	24 00	97 00		3:20
12	24 00	95 00		3:35
13	26 00	95 00		3:52
14	28 00	95 00		4:08
15	28 00	93 00		4:23
16	26 00	93 00		4:40
17	24 00	93 00		4:56
18	24 33	91 38		5:08
19	26 38	90 48		5:26
20	27 35	88 30		5:45
21	26 38	86 11		6:05



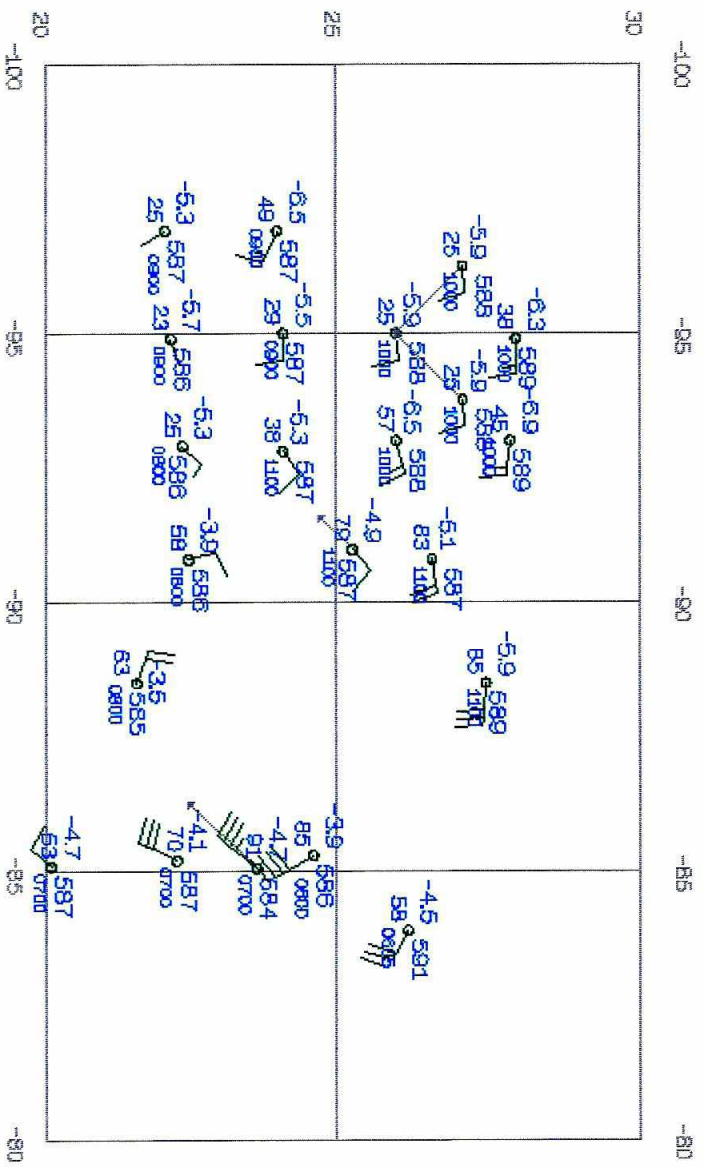
LILI

1000 mb

Date: 021002
 Time: 06-18 UTC

EARTH RELATIVE

NOAA/EOL/HURRICANE RESEARCH DIVISION



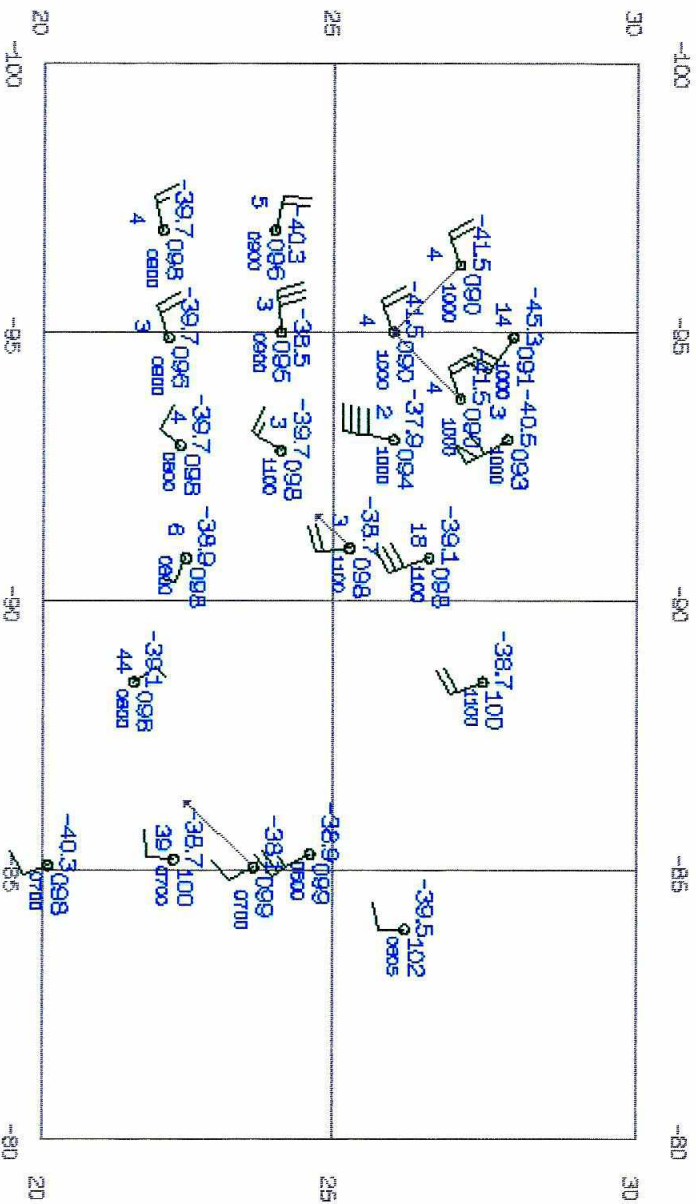
LILI

500 mb

Date: 021002
Time: 06-18 UTC

EARTH RELATIVE

NOAA/EPL/HURRICANE RESEARCH DIVISION



LILI
 250 mb
 Date: 021002
 Time: 06-18 UTC
 EARTH RELATIVE
 NOAA/ERL/HURRICANE RESEARCH DIVISION

