

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

AOCWF1

Flt ID: 021002n 2	From: MCF	To: MCF
Flt No: 03-004	Blk In: 0140z	ATA: 0133z
ETD: 1730z	Blk Out: 1728z	ATD: 1739z
ETE: 8	Blk Time: 8.2	Flt Time: 7.9
Sponsor Org: HRD	Program: SURV	Purpose: HURR LIL

AOC Personnel

AC: YATES	Sys Eng: McMAMMA
CP: FINN / POSTON	Data Sys: ROLES
Nav:	Radar: BLOGAN
FE:	GPS/BT:
FD: FLAHERTY	Cld Phys:
Avionics: HORNBY	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
LANDSEA	HAPS	HRD
RODGERS	HAPS	HRD
WHITE	VIS	USAF
FAIR	VIS	USAF

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

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AOCWF2

Flt ID: 02100202 Time Off: 1728 / 1739 Time On: 0133 /

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1016.9	A 3006	1016.2	3000

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	28	(3 EXTRAS)

Video

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

Flight ID:

021002n2

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Form 413-50

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _c	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
1739	2784	8249	/	/	080	12	31	27	-116	10	1016.8	1018.1	4	TAKE OFF
181532	2498	8490	163	60	14	7	-54	-57	12175	12933	/	184	87	DROP 1
183359	2345	8311	198	200	21	11	-58	-65	12472	13218	/	175	89	DROP 2
185235	2191	8583	179	172	52	12	-60	-64	12768	13531	/	167	83	DROP 3
191657	1900	8408	211	211	44	13	-62	-64	12910	13666	/	163	82	DROP 4
193258	1812	8599	314	319	49	18	-61	-61	12913	13608	/	163	82	DROP 5
194817	1907	8636	349	351	47	16	-61	-62	12913	13672	/	163	81	DROP 6
200136	2175	8675	348	348	24	12	-61	-65	12926	13809	/	163	81	DROP 7
202015	2175	8882	270	270	47	7	-60	-62	12912	13696	/	163	81	DROP 8
203529	2175	9086	270	267	28	9	-63	-63	13197	13974	/	155	77	DROP 9
205100	2175	9292	270	267	127	12	-64	-64	13192	13959	/	155	77	DROP 10
210625	2175	9497	269	267	161	7	-63	-67	13192	13959	/	155	78	DROP 11
212235	2190	9699	348	348	237	8	-65	-68	13334	14106	/	152	78	DROP 12
214146	2427	9897	21	26	222	5	-64	-69	13327	14101	/	152	78	DROP 13
215634	2582	9998	28	26	256	4	-64	-70	13325	14106	/	152	75	DROP 14
221137	2749	9494	57	56	244	8	-65	-71	13416	14287	/	148	75	DROP 15
222650	2742	9291	151	156	201	15	-65	-72	13467	14260	/	148	75	DROP 16
224253	2402	9435	121	119	172	8	-65	-70	13474	14266	/	148	73	DROP 17
225834	2342	9273	113	112	231	0	-65	-73	13475	14265	/	148	74	DROP 18
231531	2382	9273	11	11	11	11	11	11	11	11	11	11	11	DROP 19
233511	2363	9044	80	77	64	12	-65	-67	13472	14281	/	148	74	DROP 20
235503	2394	8814	83	81	57	7	-67	-69	13607	14421	/	144	73	DROP 21
000751	2410	8657			41	9	-67	-68	13605	14424	/	144	73	DROP 22
001750	2519	8699	339	339	15	8	-67	-67	13601	14430	/	144	73	DROP 22 EXTRA
002529	2602	8735	340	340	25	4	-66	-68	13598	14440	/	145	72	DROP 23
003547	2719	8782	340	338	235	1	-66	-67	13597	14434	/	145	72	DROP 23 EXTRA
004256	2749	8802	38	60	150	3	-66	-67	13595	14427	/	145	71	DROP 24
005040	2749	8699	92	90	55	4	-67	-67	13604	14445	/	145	73	DROP 24 EXTRA
005330	2743	8527	91	87	32	11	-67	-67	13604	14456	/	145	73	DROP 25

N49RF AVAPS DropSonde Log

N49RF Project: _____ Flight ID 021002N2

Mission: LILI Flight #: RF18 System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	013 978 146	1	1815	0.2	63	RJM		✓
2	013 968 110	2	1834	0.2	59	RJM	INT GPS	✓
3	013 248 083	1	1852	0.1	71	RJM		✓
4	013 248 121	1	1916	0.5	31	RJM	CONT TO TRANS. AFTER SPLASH	✓
5	013 968 111	2	1932	0.5	70	RJM		✓
6	013 945 050	1	1948	0.3	51	RJM		✓
7	013 978 145	2	2004	0.4	40	RJM		✓
8	013 718 047	1	2020	-0.1	27	gr		✓
9	013 968 046	2	2019	.5	35	gr		✓
10	013 968 045	1	2051	.3	30	gr		✓
11	013 968 109	2	2106	.5	40	gr		✓
12	013 968 100	1	2122	.3	30	gr		✓
13	013 945 042	1	2141	.3	40	gr		✓
14	013 718 040	2	2156	-0.1	24	gr	100% splash 215459	✓
15	012 525 017	1	2211	-0.2	50?	gr		✓
16	013 635 132	2	2226	.5	20	gr		✓
17	013 635 120	1	2245	0	28	gr		✓
18	013 215 183	2	2302	.5	31	gr		✓
19	013 248 084	1	2315	0	31	gr		✓
20	013 248 086	2	2345	0	32	gr		✓
21	012 525 022	1	2354	.4	29	gr		✓
22	013 248 125	2	0007	.4	67	gr		✓
23	013 945 005	1	0017	0	35	gr		✓
24	013 718 044	3	0025	.4	51	gr		✓
25	013 718 045	4	0035	.4	13	gr		✓
26	013 718 039	1	0042	0	49	gr		✓
27	013 968 047	2	0050	.5	48	gr		✓
28	013 968 092	1	0103	.4	70	gr	Late	✓
29	013 718 038			.4				
30								
31								
32								
33								

NUMBUNAN

1728

021002n2drops1

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: LILI/SYNOPTIC

NOAA/Hurricane Research Division Tuesday, October 01, 2002 12:54:09 PM
Aircraft: N49RF Proposed takeoff: 02/1730Z

DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	25 00	85 00		0:30
2	23 30	83 00		0:50
3	22 00	85 05		1:10
4	19 00	84 00		1:36
5	18 00	86 00		1:54
6	19 52	86 22		2:10
7	21 45	86 45		2:25
8	21 45	88 47		2:42
9	21 45	90 50		2:58
10	21 45	92 54		3:14
11	21 45	94 57		3:30
12	21 45	97 00		3:46
13	24 15	97 00		4:07
14	25 52	96 00		4:22
15	27 30	95 00		4:37
16	28 02	92 49		4:55
17	25 57	93 39		5:13
18	24 00	94 30		5:30
19	23 57	92 48		5:44
20	23 00	90 30		6:03
21	23 57	88 11		6:23
22	24 00	86 30		6:36
23	26 00	87 20		6:54
24	28 02	88 10		7:12
25	27 56	85 21		7:34

26 29w

18012

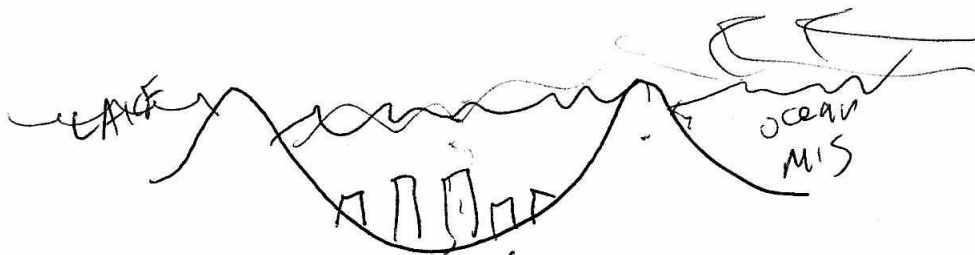
941 mb

2525

8932

02125105

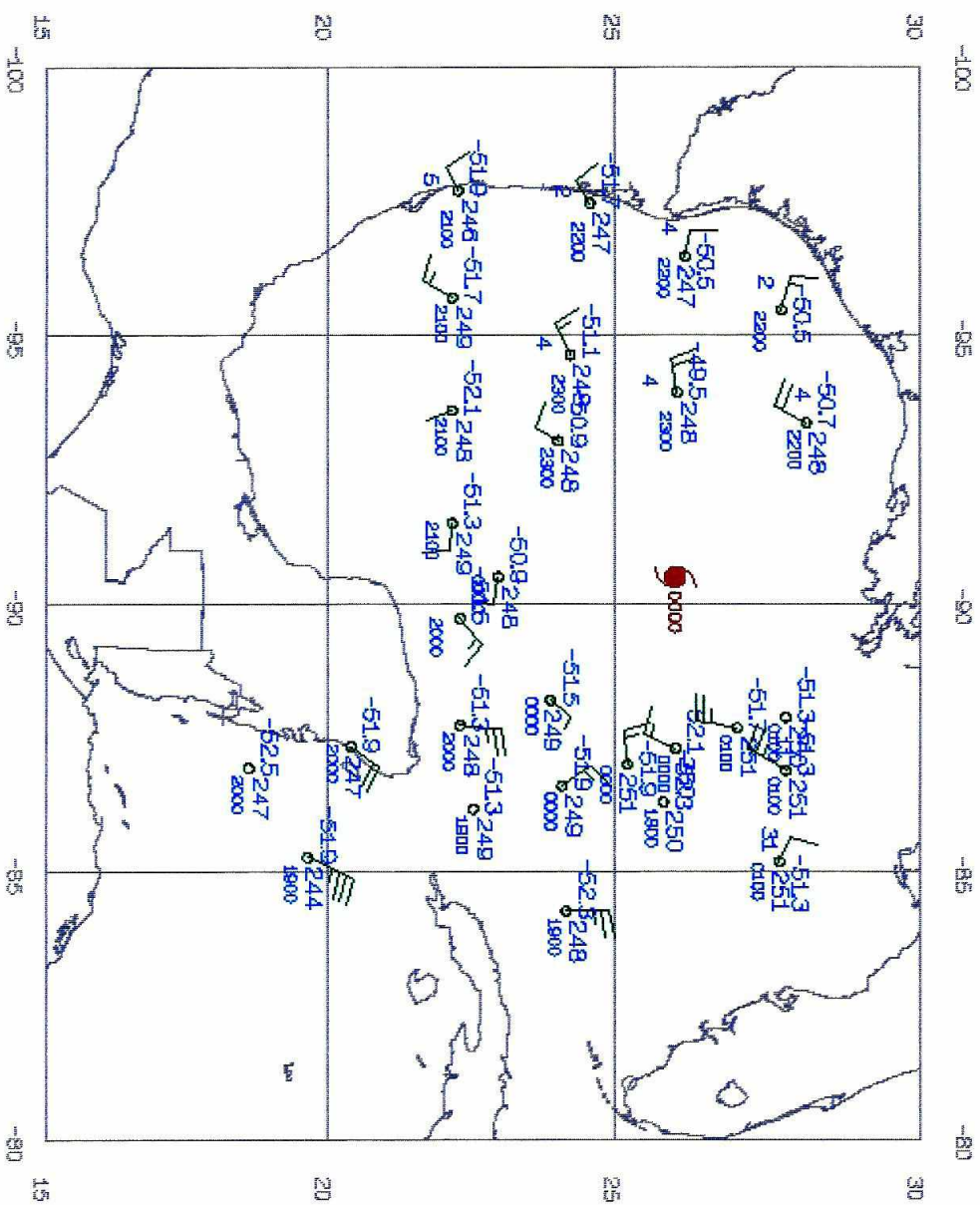
145 KTS

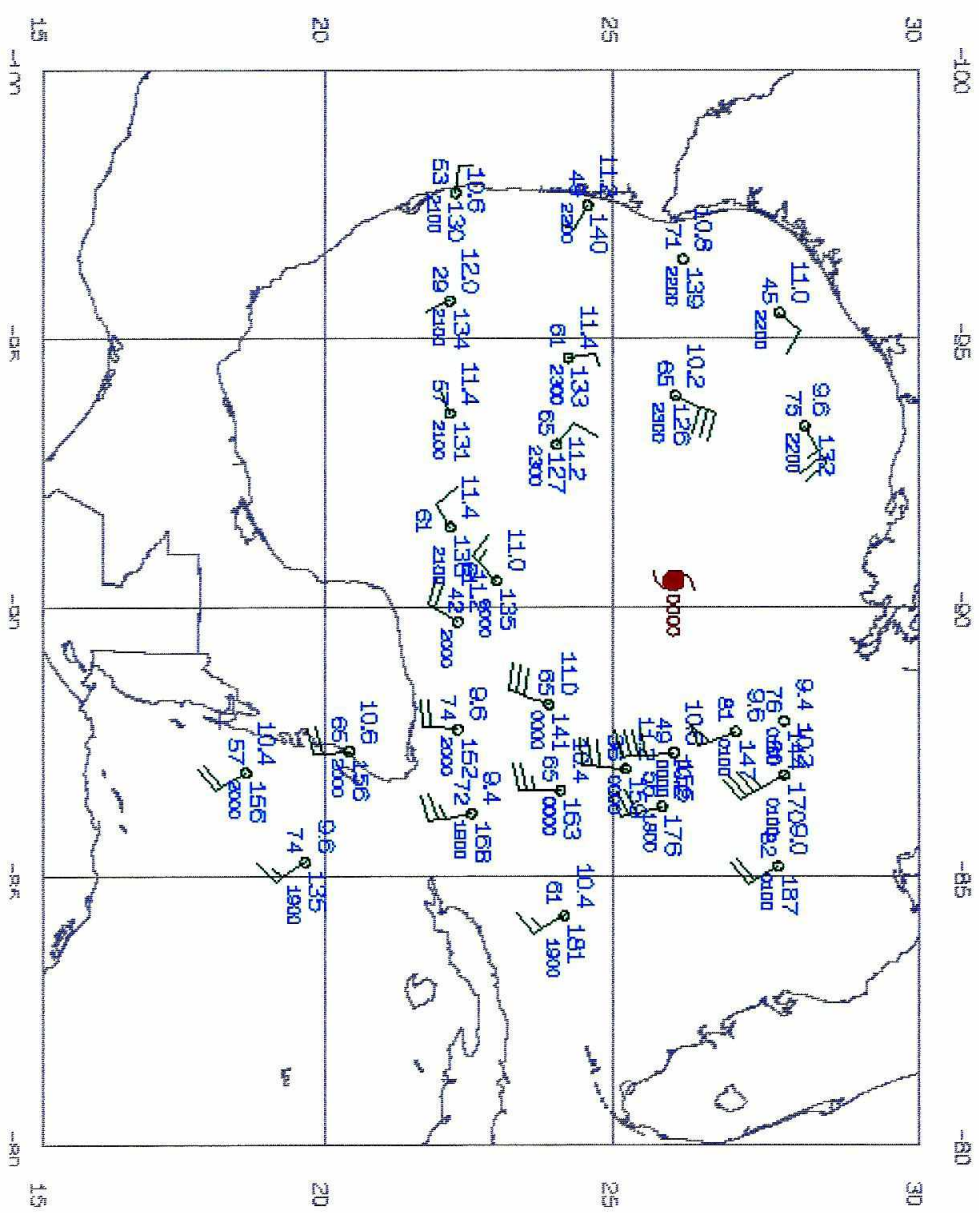


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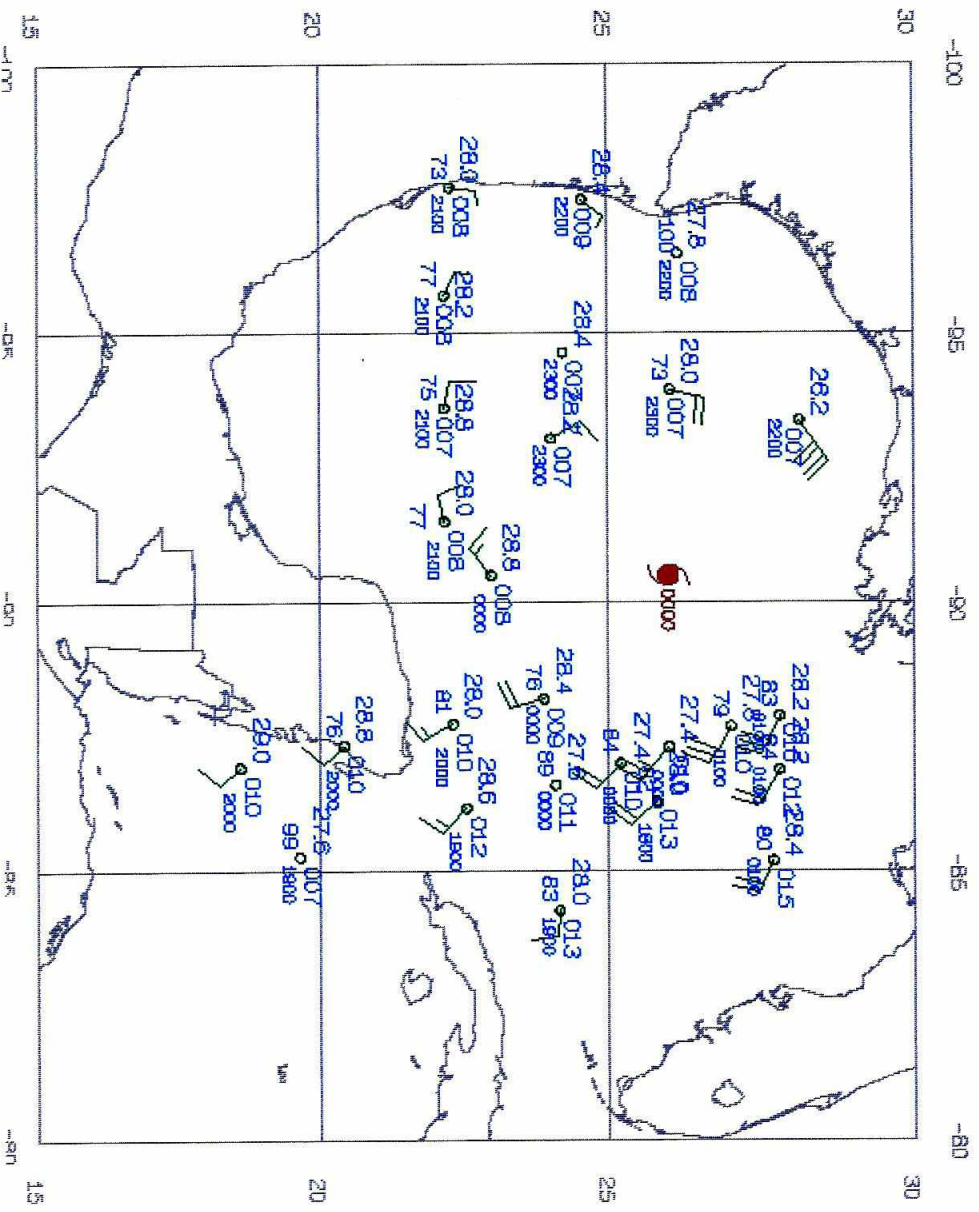
STORM RELATIVE

NOAA/ERL/HUFRICANE RESEARCH DIVISION





LILI
 700 mb
 Date: 021002
 Time: 18-30 UTC
 STORM RELATIVE



LILI

Surface

Date: 021002
Time: 18-30 UTC

STORM RELATIVE

1309z 24.6 953mb
88.6 127icts

021002N LILI

