

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

AOCWF-1

Flt ID: 020925n	From: KMCF	To: TISX
Flt No: 02-093	Blk In: 0122	ATA: 0117
ETD: 1730z	Blk Out: 1717	ATD: 1728
ETE: 7.5	Blk Time: 8.1	Flt Time: 8.1 7.8
Sponsor Org: HAD	Program: SURV	Purpose: T.S. LILI

AOC Personnel

AC: YATES ✓	Sys Eng: GADSTEIN
CP: McCANN ✓ MAXON ✓	Data Sys: BRAGAN
Nav: RAEVEEL	Radar: KITSIN
FE: PARISH ✓	GPS/BT:
FD: FLAHERTY	Cld Phys:
Avionics: HORN BROOK	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
SCHWARTZ	PUBLIC AFFAIRS	NOAA
WHITE	HAS	HAD
GADSMING ✓	HAS	HAD

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

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

AOCWPF2

Flt ID: 020925n Time Off: 1717/1728 Time On:

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1011	A2987.	A2990	1011

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	29	23 OBS (6 bad + were backed up)

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

Remarks

AT 21:27:27 - SEE TEMPERATURE ANOMOLY

Flight ID:

070925n

Page of

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

Form 413-50

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _d	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
1728	2704	8249	✓	✓	95	9	31	23	16	11	1012.6	1016.8	0	TAKE OFF
185223	2149	7598	121	110	35	39	-58	-62	12467	13170	✓	175	86	DROP 2
														DROP 2
														DROP 2A
185810	2111	7535												DROP 2A
190612	2061	7450												DROP 2A
191538	1997	7358	174	172	119	9	-58	-65	12482	13141	✓	176	89	DROP 2
193255	1812	7139	166	163	137	10	-58	-65	12481	13147	✓	176	88	DROP 3 (LATE)
193533	1703	7432												DROP 3A
194001	1730	7410												DROP 3B
194710	1648	7406	226	225	156	10	-60	-67	12757	13435	✓	167	82	DROP 4
200210	1614	7391	180	175	104	9	-61	-68	12764	13436	✓	167	84	DROP 5
201815	1452	7494	113	115	180	15	-63	-68	12903	13594	✓	163	81	DROP 6
203314	1444	7309	112	116	168	21	-63	-67	12908	13612	✓	163	81	DROP 7
205540	1353	7084	81	82	173	15								DROP 8
210010	1381	7009	65	68	156	14	-63	-67	13044	13786	✓	156	78	DROP 8A
210318	1401	6970												DROP 8B
210514	1409	6952	66	67	174	11	-65	-68	13180	13409	✓	155	77	DROP 8C
														DROP 8
21340	1445	6952	100	96	148	9	-65	-63	1391	13917	✓	155	78	DROP 9
213640	1430	6848	012	009	260	8	-65	-56	13190	13918	✓	155	75	DROP 10
215416	1644	6632	313	305	226	19	-66	-60	13193	13907	✓	155	78	DROP 11
210653	1658	6780	322	319	202	17	-66	-64	13336	14061	✓	151	76	DROP 12
222605	1900	6807	312	304	218	21	-67	-69	13333	14037	✓	152	76	DROP 13
224958	2006	7073	21	23	201	22	-67	-65	13479	14192	✓	148	75	DROP 14
224558	2115	6898	57	57	223	24	-68	-68	13615	14331	✓	144	73	DROP 15
2200	2227	6715	57	55	240	25	-69	-68	13620	1436	✓	144	72	DROP 16
233503	2337	6531	55	52	253	34	-68	-68	13520	14296	✓	144	73	DROP 17
234944	2440	6347	112	116	258	23	-66	-69	13615	14286	✓	144	70	DROP 18
000803	2243	6210	201	210	258	35	-68	-70	13611	14304	✓	145	73	DROP 19
002608	2150	6376	238	246	258	32	-69	-71	13622	14307	✓	144	72	DROP 20
004450	2039	6346	181	184	238	24	-68	-71		NO WINDS				DROP 21
004700	2018	6541	166	170	236	22	-69	-71	13564	14251		147	72	DROP 21A

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 02

Flight ID: 020925N

Mission: T.S. LILI

Flight #: RF13

System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status / Failure Reason	OOD ☒
1	010748112	1	1852	-0.1	62	AK	LATE WINDS LOST	
2	010715135	2	1858	0	124	AK	LATE WINDS LOST	
3	010715178	3	1906	-0.3	80	AK	BACKUP #1	✓
4	011018049	1	1915	-0.1	62	AK		✓
5	010715138	2	1932	0	80	AK	LATE+ NO WINDS	
6	010715186	3	1935	-0.4	125	AK	LATE+ NO WINDS #3	
7	004255181	5	1940	0	37	AK		✓
8	010715180	6	1947	0.5	11	AK		✓
9	020215241	1	1959	0.3	36	AK		✓
10	003825117	2	2019	-0.3	122	AK		✓
11	003825220	1	2032	-0.4	18	AK		✓
12	010715173	1	2053	-0.6	14	AK		✓
13	011018052	3	2100	0	24	AK		✓
14	010748113	2	2103	-0.3	39	AK		✓
15	003148159	4	2105	.3	14	AK		✓
16	013635262	5	2113	.5	17	AK		✓
17	003148156	1	2136	.3	25	AK		✓
18	010715137	1	2154	0	54	AK		✓
19	013635070	2	2206	0	22	AK		✓
20	010715171	1	2226	-0.3	18	AK		✓
21	003148008	1	2249	0	28	AK		✓
22	003825046	2	2304	-0.3	49	AK		✓
23	003825115	1	2320	-0.3	128	AK	LATE, INTERMITTENT WINDS NO P/LA DESIRED	✓
24	013635207	2	2335	.2	27	AK		✓
25	003825217	1	2349	-0.4	43	AK		✓
26	011018053	1	0007	.3	30	AK		✓
27	013945025	1	0026	.3	18	AK		✓
28	010715145	1	0044	0	-	AK	NO WINDS, NO SAT	✓
29	010748032	2	0046		15	AK	LOST WINDS @ 250 MB	✓
30								
31								
32								
33								

020925ndrops1

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: LILI/SYNOPTIC

NOAA/Hurricane Research Division Tuesday, September 24, 2002 9:50:11 AM
Aircraft: N49RF Proposed takeoff: 25/1730Z

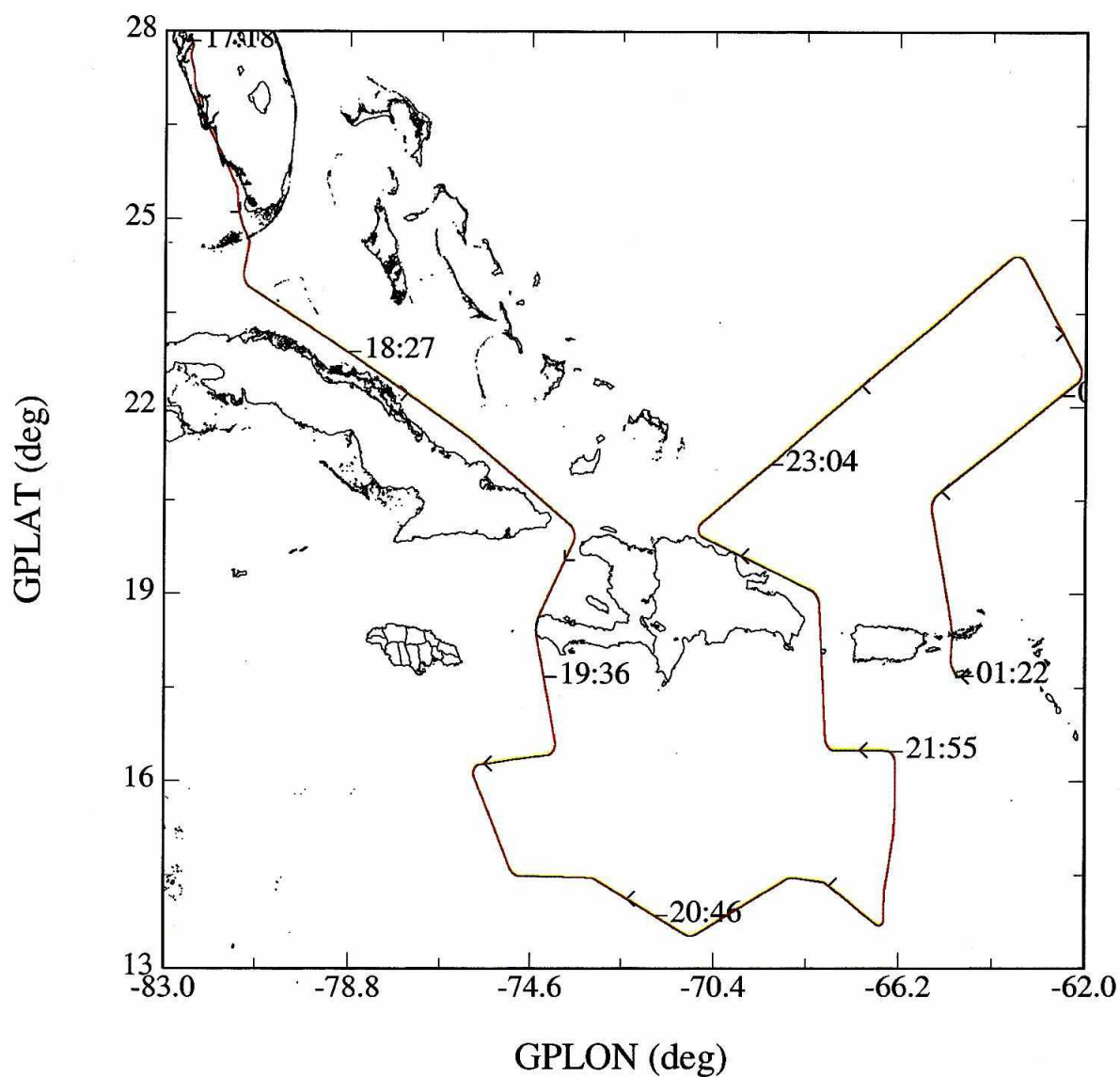
DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	21 30	76 00		1:12
2	20 00	73 30		1:35
3	18 30	74 30		1:50
4	16 27	73 57		2:07
5	16 15	76 00		2:24
6	14 30	75 00		2:40
7	14 28	73 08		2:55
8	13 30	70 54		3:15
9	14 28	68 39		3:35
10	14 15	66 30		3:52
11	16 30	66 00		4:11
12	16 30	67 50		4:26
13	19 00	68 00		4:46
14	20 00	70 54		5:11
15	21 07	69 03		5:28
16	22 15	67 12		5:45
17	23 22	65 20		6:02
18	24 30	63 30		6:20
19	22 30	62 00		6:40
20	21 30	63 45		6:56
21	20 30	65 30		7:12

LILI 11 JUL
14.1
69.3

Hurricane_2002, Flight #rf13

09/25/2002 UTC, 17:18:50-25:22:14



	mean	sigma	min	max
GPLAT (deg), 1 s/sec	19.67	3.91	13.53	27.89
GPLON (deg), 1 s/sec	-71.11	5.90	-82.53	-62.09

020925N LILI

