

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

AOCWFI

Flt ID: 020930n	From: MCF	To: MCF
Flt No: 02-096	Blk In: 0224z	ATA: 0213z
ETD: 1730z	Blk Out: 1713z	ATD: 1735z
ETE: 8.5	Blk Time: 9.2	Flt Time: 8.7
Sponsor Org: HRD	Program: SURV.	Purpose: HURR. LILI

AOC Personnel

AC: YATES	Sys Eng: ROLES
CP: FIRM / POSTON	Data Sys: McNAMARA
Nav:	Radar: BROGAN
FE:	GPS/BT:
FD: FLAHSKY	Cld Phys:
Avionics: HORN BLOOM	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
LANDSEA	HAPS	HRD
RODGERS	HAPS	HRD

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

DROP 5 - 1 min early (LAND)

08

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AOCW/F2

Flt ID: 020930n Time Off: 1713 / 1735 Time On: 0213 /

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1015.8	A3002	1016.2	A 3000

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	31	25 + 4 EXTRA = (29) + 2 BACKUP

Video

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

Remarks

Flight ID:

020930n

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Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _d	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
1735	/	/	100	/	080	07	32	23						TAKEOFF
18504	2747	7747	120	121	141	15	-56	-64	1246	13213	/	175	88	DROP 1
185135	2624	7590	130	131	154	23	-56	-65	12467	13208	/	175	88	DROP 2
185028	2503	7453	221	219	127	21	-57	-66	12467	13207	/	175	90	DROP 3
185957	2500	7587	209	203	161	22	-58	-62	12595	13347	/	171	86	DROP 4
191104	2499	7737	263	256	179	20	-59	-65	12758	13505	/	167	84	DROP 5
192124					5 HAD NO ALTITUDE AND NO TEMPS EARLY									DROP 5A
193237														DROP 6
195207	2286	7690	98	100	155	13	-63	-61	13048	13817		159	82	DROP 7
201208	2249	7443												DROP 8
203418	2001	7411	233	231	113	11	-63	-62	13011	13913	/	159	81	DROP 9
205020	1922	7679	269	266	119	7	-64	-63	13191	13964	/	155	78	DROP 10
210548	1910	7800	298	299	18	6	-64	-62	13189	13960		155	78	DROP 10A(Ex)
210229	1805	7910	260	260	NO WINDS TEMP/ALTITUDE							-NO BACKUP		DROP 11
212426	1877	8035	265	264	50	4	-64	-64	13188	13965		155	77	DROP 11A(Ex)
213625	1823	8181	274	275	59	5	-66	-66	13329		BAD DROP			DROP 12
215731							BACK UP FOR DROP 12							DROP 12A
214547	1808	8294	293	294	77	12	-65	-64	13326	14111	/	152	75	DROP 12 B(Extra)
215509	1921	8108	326	328	88	10	-65	-61	13338	14113		152	75	DROP 13
220340	2016	8498												DROP 13A(Extra)
221211	2115	8493	318	316	122	9	-65	-62	13334	14114	/	152	76	DROP 14
222000	2208	8683	21	25	141	10	-66	-67	13474	14219		148	74	DROP 15
225240	2330	8415	11	9	76	3	-67	-69	12472	14253		148	74	DROP 16
230820	2498	8509	287	283	104	8	-67	-71	13613	14397		144	71	DROP 17
232352	2500	8714	271	264	182	19	-67	-72	13612	14390	/	144	71	DROP 18
233956	2500	8926	220	264	183	21	-65	-72	13610	14350	/	145	71	DROP 19
235546	2500	9138	290	265	165	13	-63	-71	13621	14340	/	145	73	DROP 20
001122	2527	9345	322	328	16	22	-65	-72	13615	14339	/	145	72	DROP 21
003022	2746	9346	54	57	31	19	-65	-73				145	71	DROP 22
005410	2748													DROP 23
010441	2767	8795	87	90	159	15	-65	-72	13620	14408		145	71	DROP 24
013412	2774	8835	83	83	118	8	-66	-73	13625	14423	/	145	72	DROP 25

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[illegible]

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 02 Flight ID: 020930N
 Mission: HURRICANE LILI Flight #: RF14 System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status / Failure Reason	OOD ☒
1	011 245463	1	1818	0	21	DL		✓
2	011 345023	2	1834	-0.6	45	DL		✓
3	011 335 086	1	1850	0.5	77	DL		✓
4	011 245269	2	1859	-2.1	51	DL		✓
5	011 245224	1	1911	-0.2	65	DL	NO ALT.	✓
6	011 335143	3	1921	0.3	45	DL	BACKUP TO 5	✓
7	011 245469	1	1932	0.5	35	DL		✓
8	011 335104	1	1952	0.4	54	DL		✓
9	011 245484	1	2012	0.2	23	DL		✓
10	011 335140	1	2034	0.2	49	DL		✓
11	003 825 116	1	2056	-0.4	11	DL		✓
12	013 635 213	2	2105	0.3	20	DL		✓
13	011 245461	1	2118	0.3	20	DL	NO TEMP	✓
14	011 245216	3	2124	0	17	DL		✓
15	011 245472	2	2136	0.4	—	DL	NO LAUNCH DETECT	✓
16	011 335 119	1	2137	0.1	65	DL	BACKUP TO 15	✓
17	011 245 217	3	2145	-0.4	12	DL		✓
18	011 245 268	2	2155	-0.9	60	DL		✓
19	003 115 039	1	2203	0.2	18	DL		✓
20	011 245 177	3	2212	-1.5	64	DL		✓
21	011 245 480	1	2229	0.2	28	DL		✓
22	003 825 233	1	2252	-0.8	54	DL	500mb ended	✗
23	011 245 215	1	2308	-1	51	DL		✓
24	011 245 218	2	2323	+1.2	40	DL		✓
25	010 715 184	1	2340	-1.3	46	DL		✓
26	012 545 003	2	2355	-1.2	30	DL		✓
27	006 945 006	1	0011	.3	32	DL		✓
28	013 635 199	1	0033	.4	28	DL		✓
29	003 825 029	1	0053	-2	54	DL		✓
30	012 545 010	2	0114	-3	50	DL		✓
31	013 945 001	1	0134	-1	87	DL		✓
32								
33								

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: LILI/SYNOPTIC

NOAA/Hurricane Research Division Sunday, September 29, 2002 3:04:13 PM
Aircraft: N49RF Proposed takeoff: 30/1730Z

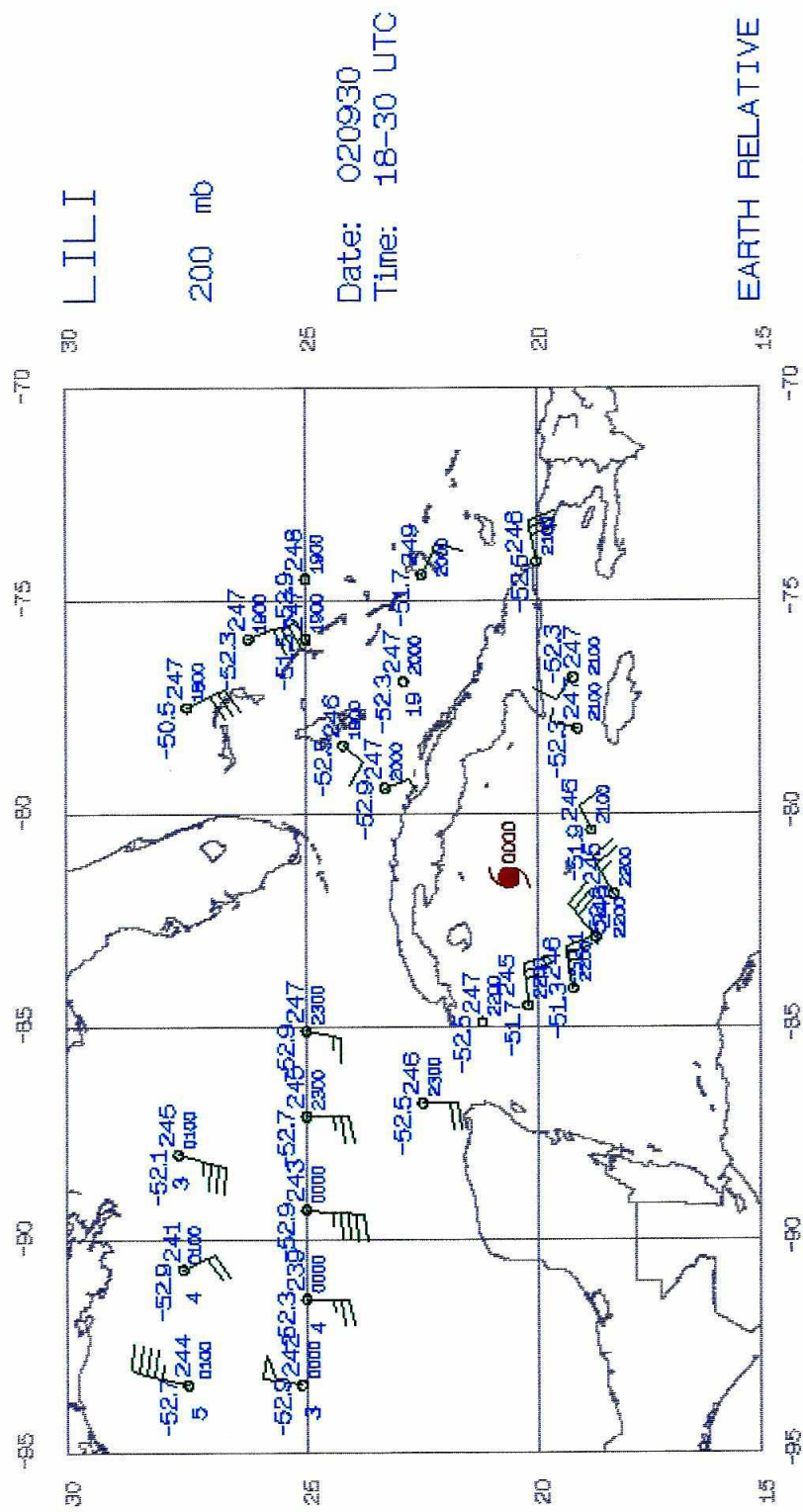
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DROP LOCATIONS

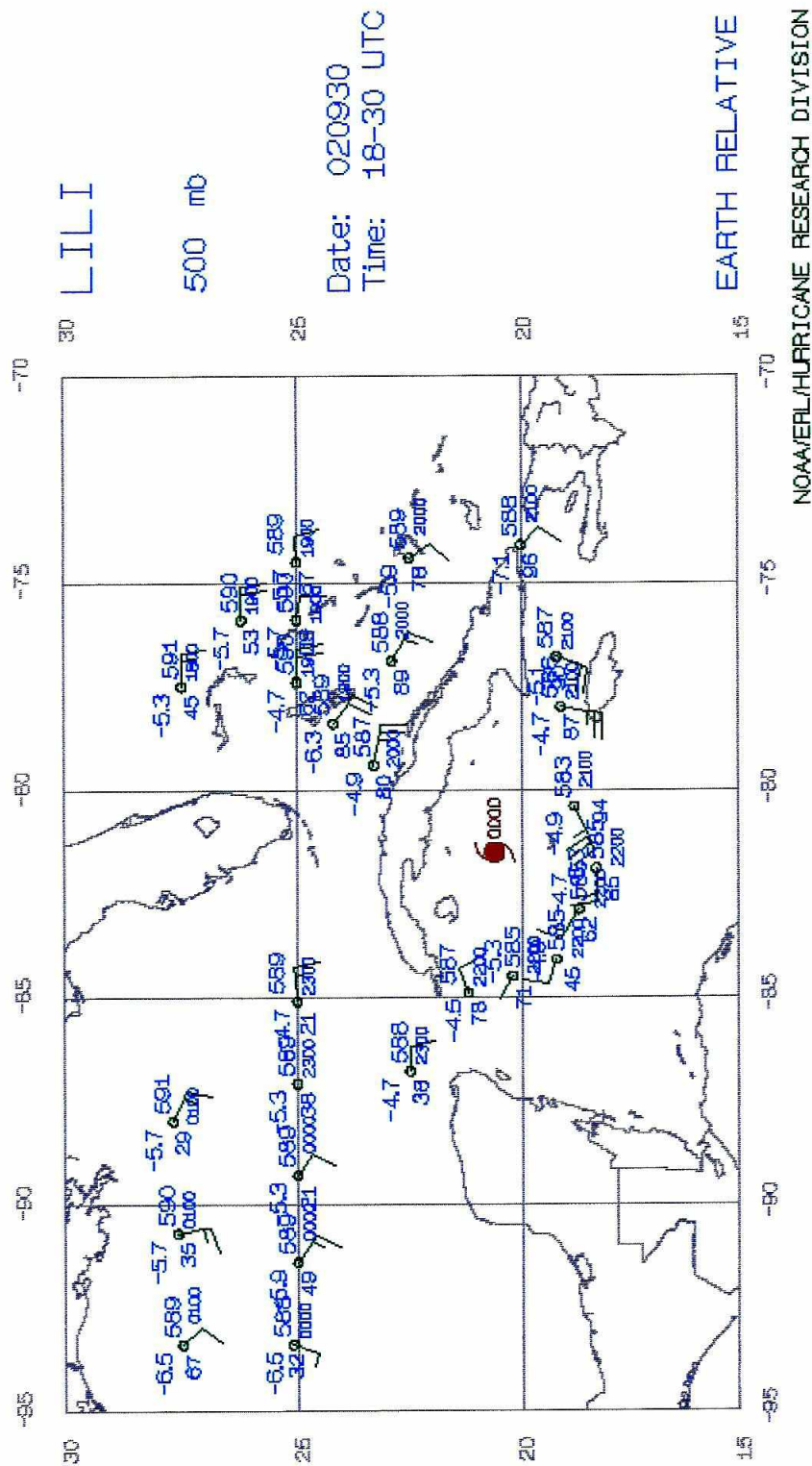
#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	27 30	77 30		0:38
2	26 15	75 55		0:54
3	25 00	74 20		1:10
4	25 00	75 55		1:22
5	25 00	77 30		1:35
6	23 14	79 31		1:56
7	22 52	76 56		2:17
8	22 30	74 20		2:37
9	20 00	74 00		2:58
10	19 34	76 45		3:20
11	19 09	79 31		3:42
12	18 12	81 47		4:02
13	19 09	84 04		4:22
14	21 09	84 54		4:39
15	22 30	87 00		4:59
16	23 14	84 04		5:23
17	25 00	85 00		5:39
18	25 00	87 07		5:55
19	25 00	89 15		6:12
20	25 00	91 22		6:28
21	25 00	93 30		6:45
22	27 30	93 30		7:05
23	27 35	90 45		7:27
24	27 40	88 00		7:48
25	27 45	85 15		8:09

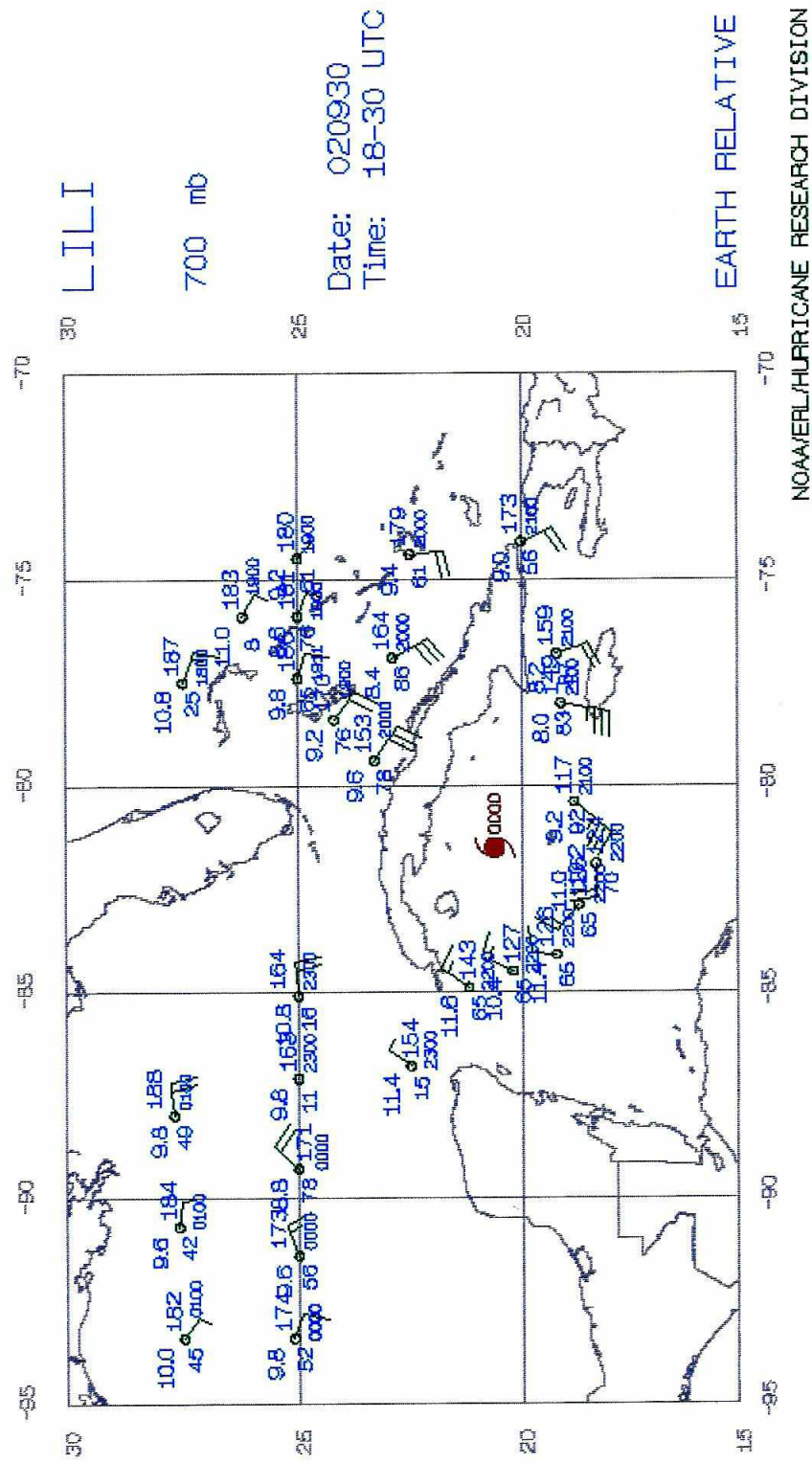
4 EXTRAS

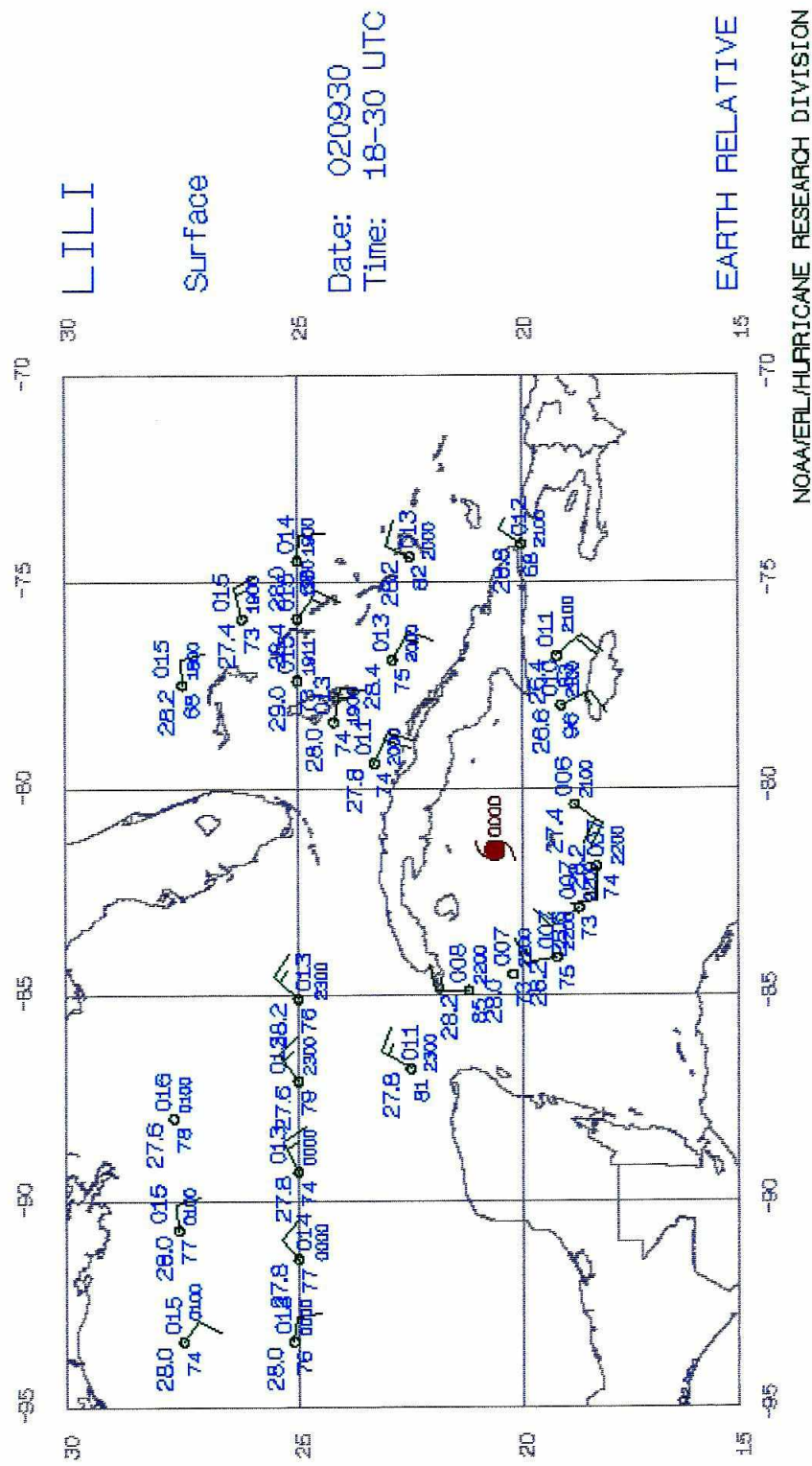
DROP 10A 1/2 TO 11
11A 1/2
12A 1/2
13A 1/2NOAA 43
2055
08036



NOAA/ERL/HURRICANE RESEARCH DIVISION







020930N LILI

