

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Lili Dropwindsonde Scientists Rogers, "Ms." Landsea Page 1 of 2
 Flight ID 021001n2 Flight Director Paul Flaugher Takeoff from McDill at 1733 UTC
 Mission ID NOAA 22134 Lili AVAPS Operators CHRIS HORNERBROOK, DAVE BROGAN Recovery at McDill at 0105 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	SATCOM tries after 3 SATCOM failures	Ob #
1	012225014	180418	25.00	83.82	1012	85/30 7	105/37	In cloud but some white caps visible just before drop	111	1
2	013635114	182158	23.26	82.92	1008	115/35 7	145/45	In cloud - only 4 SAT hit 755, drop out winds until then	44 hit no 1	2
3	013635121	184920	23.34	79.94	1013	100/22 262	145/17	Noisy winds after 720s, Cirrus below - spurious data sent after landing		3
4	013968084	190420	24.91	78.89	1014	90/14 4	135/8	Dry 500-350mb, strong westerlies 200mb		4
5	013968087	191923	26.46	77.77	1016	70/12 4	90/7	Clear, Dry 350-650mb; late winds		5
6	013968086	193603	24.61	77.50	1015	95/9 4	110/5	Dry 500-350mb, strong westerlies 200mb		6
7	013635123	195524	22.23	77.43	1013	75/12 5	105/8	50% Altostratus below, dry upper trop		7
8	013945097	201121	21.25	75.75	1013	60/10 8	75/9	Strange drying right at 925 to 850 due to down slope off Cuba mountains, dry ~350mb		8
9	013718023	203207	19.91	74.69	1013	305/1 7	70/12	Dropped a bit late to clear Cuba		9
10	013945094	203923	19.63	75.60	1012	115/6 8	80/12	Strong easterlies 150-300mb		10
11	013718022	205322	19.75	77.50	1012	100/18 5	45/12	Drop bit west of original location. Strong easterlies 150-325 mb		11
12	013718026	211740	20.35	80.66	1011	145/19 7	155/16	Cirrus below, through altostratus layer		12
12a	013718017	213209	20.71	82.52	1009	165/27 5	180/22	Convective up/down drafts after 4605		13
13	013968083	214354	20.86	83.69	1007	189/22 7	200/20	Extra far Gale force wind at 011	spotty winds 150-400s	14
14	013718021	220318	18.93	82.50	1010	164/15 4	175/11	Altostratus below		15
15	013718018	22841	17.06	82.57	1010	188/12 5	145/09	Cirrus below		16
16	013968085	223108	17.06	85.00	1009	172/15 7	160/06	no FH2, up FH below 270 mb		17
								within cirrus deck, widespread Cu below		
								strong easterlies aloft		
								thin cirrus above, 10% Cu below		

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Lili Dropwindsonde Scientists Rogers, Landsea Page 2 of 2
Flight ID 021001 v2 Flight Director Raul Flaugherty Takeoff from McDill at 1733 UTC
Mission ID NOAA922134 Lili AVAPS Operators _____ Recovery at _____ at _____ UTC

[illegible]