

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

Storm Lili Dropwindsonde Scientists Shirley Murillo and Sean White Page 1 of 2
 Flight ID 021002n1 Flight Director Jack Parrish Takeoff from MacDill AFB at 0542 UTC
 Mission ID 2413A Lili AVAPS Operators Dale Carpenter / Jim Barr Recovery at MACDILL at 1218 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	Ob #
01	013635076	060542	26.21	83.93	1014.0	100/24 7	125/28	Intermittent winds dark, winds display froze, HAPS crashed		(01)
02	013945052	062307	24.55	85.33	1008.3	— 8	140/40	Noisy GPS signal at upper levels of sounding dark, no winds at surface		(02)
03	013945039	064155	22.28	85.17	1008.3	170/27 7	190/28	still dark		(03)
04	013215130	065942	20.15	85.15	1009.5	175/22 7	185/15			(04)
05	013635069	072146	22.48	86.26	1005.6	185/33 5	205/30			(05)
06	013945053	074019	21.64	88.52	1006.4	— 7	220/14			(06)
07	012625034	075900	22.54	90.80	1007.3	340/8 7	355/8			(07)
08	013635153	081436	22.36	92.85	1008.9	005/16 5	0/0			(08)
09	013945046	083039	22.18	94.92	1009.8	045/6 5	220/2			(09)
10	013635074	084643	22.07	96.95	1010.3	115/5 5	260/2			(10)
11	013635116	090221	23.98	96.86	1010.7	110/7 7	040/2			(11)
12	013635141	091612	24.10	95.02	1010.2	060/7 7	115/2			(12)
13	013635047	093047	26.00	94.99	1011.1	075/9 7	125/8	(yawn!)		(13)
14	013248082	094602	27.96	94.89	1011.9	110/13 5	120/17			(14)
15	013215459	100040	27.88	93.02	1012.1	100/18 8	130/22	Delayed launch detect 12.55		(15)
16	013635146	101832	26.00	93.00	1011.1	075/16 4	125/15	partial winds-dropout 867-926mb		(16)
17	013248087	103650	24.08	92.84	1009.1	025/12 4	070/05	still dark		(17)

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