

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

Storm L1L1 Dropwindsonde Scientists LANDSEA / "S. P." ROGERS Page 1 of 2
 Flight ID 021002 n2 Flight Director PAUL FLAGHERTY Takeoff from MACDILL at 1739 UTC
 Mission ID NOAA9 2613A L1L1 AVAPS Operators CHRIS H. / DAVE B. Recovery at MACDILL at 0138 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
1	013978146	181531	25.00	84.91	1013	134/22	7	155/24	Late winds; 20% SCu at sfc; 25kts at sfc.	✓	1
2	013968110	183400	23.47	83.11	1015	95/12	4	130/10	Sporadic winds at upper levels of sounding; thin cirrus, clear below	✓	2
3	013248083	185233	21.92	85.03	1012	139/15	4	160/14	Late winds; occasional GPS dropouts 10% Cu	✓	3
4	013248121	191657	19.02	84.08	1008	109/17	32	110/11	SLP suspecting winds below 32m; Patchy Cu; entered cloud below 850mb	11 SATCOM tries	4
5	013968111	193251	18.11	85.97	1010	140/13	4	130/12	Patchy Cu; late winds	✓	5
6	013945050	194815	19.87	86.37	1009	139/10	7	150/11	Patchy Cu	✓	6
7	013978145	200436	21.75	86.75	1010	150/16	5	175/14	Flakey telemetry + GPS dropouts 221-315mb; thin layer of Cirrus	✓	7
8	013718047	202012	21.75	88.79	—	—	—	200/13	clear below; no data below 332m	✓	8
9	013968046	203527	21.75	90.84	1008	256/11	7	240/10	30% Cu; very dry upper trop; some coverage;	✓	9
10	013968045	205056	21.75	92.91	1007	284/11	7	260/07	Patchy Cu; dry upper trop	✓	10
11	013968109	210623	21.75	94.96	1008	295/7	7	275/04	30% Cu; some organization of Cu	✓	11
12	013968100	212228	21.90	96.99	1008	6/5	8	260/03	Patchy Cu; delayed launch detect 5.55	✓	12
13	013945042	214141	24.26	96.98	1009	38/7	11	315/01	Patchy Cu; deep Cu to east	✓	13
14	013718040	215633	25.87	96.00	1008	34/13	12	350/05	Patchy Cu; intermittent winds	✓	14
15	012525017	221138	27.49	94.96	—	59/18	—	15/7	10-20% Cu — No data below 925mb	✓	15
16	013635132	222643	27.93	92.93	1007	55/39	5	20/20	Thick Cirrus below — some vertical motion — Gale at sfc	✓	16
17	013635120	224522	25.02	93.66	1007	15/21	8	350/13	Clear	✓	17

935 26-25 90°13'

2626 90°10' 2325 94°05'

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Mission ID 160000 2613A Lili AVAPS Operators Chris H. / Dave Recovery at 0138 UTC

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