



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

Storm RITA Dropwindsonde Scientists N. Dorst Page 1 of 2
 Flight ID 2050919N2 Flight Director PAUL FLANNERY Takeoff from MacDill at 1800 UTC
 Mission ID 0718A RITAAVAPS Operators JEFF SMITH / DAVE BROGAN / MARK ROGERS Recovery at MACDILL at 0150 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	Processed	SATCOM tries	Ob #
1	012025071	182023	26.74	85.30	1017	49°/14	8	065/23	(RH heating cycles except where noted) Some noisy PTH telemetry 417-775 mb 30% Strato Cu coverage	✓	1	01
2	012025079	183840	N/A	N/A					DLD 1015; fast fall - no winds above 437 mb & those below are unreliable			X
2A	012245466	184004	24.78	84.11	1015.6	51°/14	4.5	075/20	Noisy GPS signal for first half of sounding	✓	1	02
3	012615190	185604	22.99	84.99	1013.9	42°/17	4.8	055/13	20% Cu Congestus	✓	1	03
4	012545008	191200	21.02	84.95	1011.4	46°/14	4.6	055/11	" "	✓	1	04
5	012623025	192853	20.04	83.00	1011.1	38°/16	7.8	045/10		✓	11	05
6	012225102	195024	21.27	80.71	1009.5	6°/14	7.4	040/11		✓	1	06
7	000745106	200336	20.85	79.24	1009.2	336°/8	7.4	025/9	100% undercast Ci	✓	1	07
8	011345088	205011	19.51	76.50	1009.3	176°/4	7.9	215/8	clear below	✓	111	08
9	000715086	205410	20.45	74.08	1009.0	161°/17	7.6	185/15	clear below	✓	11	09
10	000745111	211146	21.95	75.83	1007.0	225°/23	7.3	215/23	50% below Ci aloft	✓	1	10
11	000715084	212829	23.62	75.03	1007.6	133°/33	4.4	150/31	90% obscure Ci	✓	1	11
12	000745108	214519	23.04	73.00	1011.1	113°/16	7.7	155/17		✓	1	12
13	011378173	220227	24.00	71.00	1013.5	116°/23	7.9	135/10	Spotty winds 840-907 mb	✓	1	13
14	000715075	222005	25.06	69.07	1015.8			030/3	No winds 570-610mb - below 678 mb HAPS didn't see launch PTP file	✓	1	14
15	011378167	223743	26.91	70.03	1016.8	96°/19	10.1	090/9	No winds 187-263 mb	✓	1	15
16	000715073	225332	26.16	71.90	1015.2	103°/21	4.6	115/13		✓	1	16

ALL CORRECT
OK
4 received

