

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

Storm TD03 (Cindy)\_\_\_\_\_ Dropwindsonde Scientists Aberson\_\_\_\_\_ Page  1  of  2

Flight ID\_050704N\_\_\_\_\_ Flight Director\_Damiano\_\_\_\_\_ Takeoff from MacDill\_\_\_\_\_ at 1810\_\_ UTC

Mission ID 0303A CYCLONE AVAPS Operators\_Carpenter, Tong\_\_\_\_\_ Recovery at MacDill\_\_\_\_\_ at 0240\_\_ 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 #
1	42215069	185721	30.06	86.44	1018.5	18708	7.3	20516	Undercast, late winds, possible -2.1 mb pressure bias	4	1
2	42215072	191413	28.89	87.93	1017.7	13712	93.6	18017	undercast	1	2
3	42115169	193228	27.01	87.18	1018.3	11710	7.5	16022	undercast	2	3
4	42215088	194624	27.02	89.01	1012.4	12117	12.4	14515	Stratus below	2	4
5	32815009	200243	27.78	90.92	1015.8	8510	4.2	16511	Some convection below	1	5
6	42115163	202459	25.38	90.2	1014	9516	7.5	12013	In cloud	2	6
7	33048011	203758	25.41	91.94	1013	6912	24.2	11505	Some convection below	1	7
8	42215070	205235	26.99	93.01	1014.4	8906	7	16506	clear	1	8
9	42215003	211536	28.33	95.65	1014.3	14812	7.2	17504	10% low Cu	1	9
10	42215093	213546	26	94.99	1013.3	12508	7	16505	10% low Cu	1	10
11	41715010	215520	24.2	93.47	1012.7	6708	4.4	16003	10% low Cu	1	11
12	42215053	221122	22.62	94.15	1011.9	9704	136	18003	10% low Cu, bad winds near surface	1	12
13	42215067	223006	23.93	96.08	1012.2	13408	6.6	17505	clear	1	13
14	42215030	224602	22.86	97.57	1011.2	13012	7	15507	Thin cirrus, late winds	1	14
15	42115178	230213	21	96.99	1010.5	9914	4.8	16010	Cirrus above, clear below	1	15
16	42715005	232522	19.13	94.89	1011.1	7808	4.5	13007	Cirrus above, clear below	2	16
17	43625015	234333	20.64	93.33	1011.7	28300	7	8502	Cirrus, 20% Cu below	1	17

