

16/02 = 19.5 N 89.5 W



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

Storm Emily Dropwindsonde Scientist Alvin / S. Goldenberg Page 1 of 2
 Flight ID 050717N Flight Director Damiano Takeoff from MacDill at 1803 UTC
 Mission ID 1205A Emily AVAPS Operators Kero / Tong Recovery at MacDill at 0201 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	Processed	SATCOM tries	Ob #
01	043835018	184008	24.94	83.95	1017.3	76°/17 7	120/15	50% low	✓		01
02	044135265	185713	23.23	83.13	1014.6	70°/25 5	105/23	100% cir below storm environment	✓		02
03	044245018	191548	22.36	85.22	1013.1	69°/17 4	100/30	in top of cirrus (15x7)	✓	(03C)	03
04	044135259	193323	21.37	83.71	1011.6	80°/27 7	115/40	top of g/c RH almost	✓		04
05	044245012	195454	N/A	N/A	—	—	—	top of cdo no winds NO LPAW CH 55			
05B	044245015	195538	20.85	80.90	1012.6	97°/25 5	125/22	top of cirrus in CDO	✓		05
06	044135257	200829	19.50	80.00	1012.3	98°/17 7	130/19	50% layers below	✓		06
07	044245017	202254	18.00	79.24	1011.4	121°/19 13	130/19	-5% winds w/ about 30mb late winds ↑	✓		07
07B	048815029	202429	N/A	N/A	—	—	—	-5% No PTH telemetry winds above 335mb, poor/weak telemetry 335-400mb, wind about 10-15mb			X
08	043625094	203721	17.87	80.99	1010.9	114°/25 7	145/19	-5% low	✓		08
09	044245026	205238	15.99	81.04	1010.1	146°/12 4	145/16	30% some conv. late winds winds below 200mb CK-7080V	✓		09
09B	044135266	205601	15.67	81.32	1010.2	141°/12 8	144/14	~30% winds much better at top	✓		10
10	044245019	211723	13.93	83.20	1009.1	110°/12 7	140/08	clr	✓		11
11	044135258	213518	15.99	83.16	1008.6	143°/10 4	170/13	clr/no (maybe part of CDO above)	✓		12
12	044135261	215338	16.00	85.50	1008.0	290°/12 7	225/07	winds x 30-35 50% 177.5 944-969mb	✓		13
13	044245013	221336	16.12	87.97	1007.8	56°/12 4	020/02	60% low	✓		14
14	044245020	222626	17.63	87.68	1008.0	30°/6 4	345/8	20% low	✓		15

82401
7101

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