

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

Storm EMILY Dropwindsonde Scientists JOHN GAMACHE Page 1 of 2
 Flight ID 050716 n1 Flight Director BARRY DAMIANO Takeoff from ST. CROIX at 1805 UTC
 Mission ID N04A9030A AVAPS Operators DAVE BRYAN, RAY TONG, BETH KERR Recovery at MACDILL at ~0230 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	044135299	192900	17.97	74.07	1012.2	0100/21 8	125/05	TWIN CLOUD AT FLIGHT LEVEL	1	1
2	044135312	194921	17.63	76.54	1010.6	94/37 20	139/47	No winds 905-941 mb	1/1/1	2
3	0441415103	200507	15.99	75.98	1010.1	124/25 4	155/27	VERY TWIN CLOUD	1/1/1	3
4	044415101	202400	14.00	75.19	—	—	145/15	Late winds 68S	1	4
5	043845150	203849	14.71	77.05	1009.7	152/14 7	185/13	DLD 5.5S: late winds 63S LIGHT HAZE JUST BELOW FLT LVL	1	5
6	044135291	205712	15.45	78.20	1005.8	209/04 4	20/33		1	6
7	043845266	211042	14.87	79.48	1008.9	346/17 7	290/11	DLD 14S ~ LIGHT HAZE	1	7
8	044135313	212706	13.03	79.12	1008.7	343/04 7	205/3	FAIRLY CLEAR	1	8
9	044415098	214202	13.01	81.01	1008.7	030/12 4	050/2	CLEAR SCATTERED LOW-LEVEL CU	1	9
10	044135300	215948	14.09	82.84	1009.4	056/14 19	55	CLEAR FILE RESET	1	10
11	043845281	221414	15.09	81.52	1009.0	337/14 7	360/010	CLEAR BUT LOW-LEVEL SCT CU	1	11
12	044135297	222720	16.12	82.88	1009.4	015/14 7	040/012	VERY CLEAR	1	12
13	044135310	224217	17.93	83.42	1010.8	044/14 5	079/016	HAZY BELOW	1	13
14	043845286	225629	19.66	82.89	1011.4	061/16 5	090/19	" "	1	14
15	043845101	230905	21.19	82.82	1013.1	086/16 18	100/019	SLIGHT HAZE NEARLY CLEAR	1	15
16	043615118	232141	20.70	81.38	1013.1	074/14 7	095/024		1	16
17	042215064	233803	20.7	79.45	—	083/25 —	100/029	Weak telemetry 703-735 mb; cloudy? weak/poor telemetry + spotty winds below 850 mb	1	17

16.8 78.8

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Mission ID NOAA90805A EMILY AVAPS Operators BROGAN, BETIL, RAY Recovery at _____ at _____ UTC

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