

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Lili Dropwindsonde Scientists M. Black, R. Rogers, J. Gamache Page 1 of 2
 Flight ID 020929I Flight Director Barry Damiano Takeoff from MacDill at 1707 UTC
 Mission ID WXWXA AVAPS Operators Jeff Smith Recovery at MACDILL at 0104 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	BT 020215382	184648	20.6	81.43	1010	0/15	4	29	36% RH	Pay air NW of storm Clear at 20 NW of storm	16
2	BT 020615298	185104	20.4	81.6							
3	BT 020615298	191832	18.74	82.52	1009	15/15		29.2		20% cu not as dry	20
4	020215179	192637	18.98	82.02	1004			29.0		Dry adiab	22
5	020615044	200025	20.02	79.88				29.0		Clear; late winds	28.78
5	020215347	200846	20.8	79.54		31/22		28.9		South part of conv. line just west	30.77
6	020615051	201910	19.46	79.86				28.7		Late winds	31
7	020215182	203025	18.72	80.26				28.8			34.75
8A	020248008	1820	18.26	80.47				28.9		Hdg into storm	36
		264059	18.26								
9	020615050*	205322	18.42	79.50						High level cloudiness, convective turrets numerous (205445)	40.5163
10	020615261	210442	18.57	78.66				28.8		70 kts off @ 205807	63
8	020215367	203930	N/A	N/A						No launch detect - no winds	X
13	013638196	211931	18.76	77.54						E Eyewall	64
12	020615297	211829	18.78	77.66						East eyewall	65
14	013945034	212937	18.61	76.88						outer eyewall	66
11	020215380	211542	18.83	77.88						gyedrop; No winds	67

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Takeoff from MAED14 at 1707 UTC

Recovery at _____ at _____ UTC

[illegible]