

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

Storm Genesis/IFEX Dropwindsonde Scientists Krystal Valde Page 1 of 2
 Flight ID 050715 I Flight Director MARTY MAYEAUX Takeoff from MROE at 45535 UTC
 Mission ID WXWXETRAIN AVAPS Operators OLNEY/SAN SOUCI Recovery at MROE at 130245 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	043615183	055945	10°0.1	89°1.3	1009.9	245/5 5	28.8		RH heating cycles (SKW-T) 750-725 mb ~ 750-725 mb sat SATURATED b/w 820 mb - 100 mb	09 → HIGHEST WIND=10KTS
2	043615182	061320	10°0.0	90°1.5	1009.5	262/4 4			GOOD SONDE	12
3	043615181	062715	9°58.5	91°1.0	1008.7	6/3 7			sat SATURATED NEAR FLT LVL	13
4	042815042	064115	10°0.0	92°0.9	—	—	—	—	No winds NO LAUNCH DETECT → NOT PROCESSED	— not TRANSMITTED
4a	043615175	064240	10°0.0	92°6.7	1009.0	310/1 29	28		"Back-up sonde", no sfc winds	17
5	042815036	065514	10°0.6	93°1.1	—	—	—		no winds, not transmitted/processed	
5a	042815045	065727	10°0.6	93°11.0	1008.7	243/5 7	—		"Backup sonde"	19
6	042815041	070855	10°0.7	94°0.9	1008.8	242/13 4			wind dir change @ 650 mb (174°)	22
7	042815002	072238	10°1.5	95°1.4	1007.8	45/17 72			no sfc winds, west winds, ^{sat} saturated sounding	4
8	043615176	073607	10°2.2	96°0.7	1007.1	250/21 7			—	27
9	042815013	075033	10°6.7	97°1.1	1007.6	242/21 7	29.2		—	29
10	042815043	080240	11°0.4	97°0.0	1007	125/20 7			west winds	31
11	042815039	081519	11°56.7	96°57.7	1007.8	30/6 7			no sfc winds, no winds	33
12	043615174	082830	11°59.9	95°58.5	1008.4	212/4 5			RH heating cycles no sfc dewpt/humidity	36
13	042715028	084128	12°0.0	94°59.0	1007.7	274/19 8			Intermittent winds, RH heating cycles	37
14	043615179	085400	11°59.9	94°2.1	1007.4	280/3 19			RH heating cycles: no sfc winds; no winds 930-963 mb	40
15	042815046	091900	12°32.5	95°33.5	1008	231/10 7			RH heating cycles	42

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Flight ID 050715 I

Flight Director

Takeoff from *MROC*

at 45535 UTC

Mission ID WXWXETRAIN

AVAPS Operators

Recovery at MRDC

at 130245 UTC

[illegible]