

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

Storm Michael Dropwindsonde Scientists Kathryn Schmal Page 1 of
 Flight ID 1414A Flight Director Jan Sears Takeoff from Lakeland at 820 UTC
 Mission ID 2018101041 AVAPS Operators Steve Paul Recovery at at 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	092539.1	925	2811	8654	1001.9	80/30 10			IP IR sonde	2
2	093730.2	937	2825	8654	991.2	60/48 10	28.7		mid CP Combo	3
3	094445.3	944	2872	8455	999.7	35/96 10		EW N		4
4	094926.4	949	2855	8648	938.1	210/12 10		EYE	CTD Combo	5
5	095254.1	953	2835	8658	960.1	220/20 10		EWS	BT Combo	6
6	100318.2	1003	2773	8638	993.6	220/34 10			Mid	8
7	100710.3	1017	2687	8659	1000.4	230/36 10			SEP IR sonde	11
8	10523030.4	1052	2890	8454	1001.7	150/43 10			EEP	13
9	110410.1	1104	2871	8544	991.5	155/57 10			mid BT Combo	14
10	111332.2	1113	2891	8515	993.4	106/103 10		EW E	RmW	15
11	111645.3	1114	2882	8637	954.9	270/21 10			Center Combo	16
12	111914.4	1119	2881	8652	955.2	215/58 12		EW W		17
13	112922.1	1120	2881	8720	991.2	335/56 10			mid BT Combo	19
14	114435.2	1144	2880	8829	1001.1	245/59 10			EPW	20
15	115929.3	1159	2776	8720	998.8	310/29 10			EP SW Combo	22
16	121225.4	1212	2842	8691	991.8	285/49 10			mid CP Combo	23
17	122227.1	1222	2893	8639	937.8	250/20 150		EW SW	EW	24

BT at 942 BT at 1108 EP 1220 CP 1235
 3) nice updates at 1505
 4) removed upper RH - slow EQ
 8) switch to RH2

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Storm Michael Dropwindsonde Scientists Sellwood Page ___ of ___
 Flight ID 1414A Flight Director Scars Takeoff from Lakeumb at ___ UTC
 Mission ID 20181010H1 AVAPS Operators Tau Recovery at ___ at ___ 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 #
18	123024.2	1230	2908	8630	958.7	155/8 10			Center CP combo	26
19	123328.3	1233	2921	8613	944.1	65/9 10			EWNE	27
20	124406.4	1244	2925	8562	922.3	80/9 10			mid BT combo	28
21	132939.1	1321	3020	8722	927.7	20/30 10			EP NW combo	31
22	134052.2	1341	2984	8624	938.5	X		EWNW	Fast band	33
23	134231.3	1342	2924	8614	931.5	110/5	28.2		Center combo	32
24	134500.4	1344	2912	8599	934.5	140/15 10		EWSE		34
25	135651.1	1356	2868	8529	933.7	170/5 12			mid	36
26	141147.2	1411	2811	8459	1002.5	180/43 10			EWSE	38

19 → midpoint is near endpoint due to land
 24 → bad RH dry down low > 100% above