

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

Storm Michael Dropwindsonde Scientists Kathryn Selward Page 1 of
 Flight ID 1414A Flight Director Ian Sears Takeoff from Lakeham at 822 UTC
 Mission ID 20181010H1 AVAPS Operators Steve Paul Recovery at at UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface		BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
						dir/spd (kt)	hgt (m)				
1	092339.1	923	2011	8654	1001.9	80/30	10			IP IR sonde	2
2	093730.2	937	2025	8654	991.2	60/48	10	28.7		mid CP Combo	3
3	094445.3	944	2072	8645	999.7	35/96	10		EWN		4
4	094926.4	949	2055	8648	938.1	210/2	10		EYE	CTD Combo	5
5	095254.1	953	2035	8638	960.1	220/8	10		EWS	BT Combo	6
6	100318.2	1003	2073	8638	993.6	220/34	10			Mid	8
7	101710.3	1017	2087	8659	1000.4	230/36	10			SEP IR sonde	11
8	10523030.4	1052	2090	8454	1001.7	150/43	10			EFP	13
9	110410.1	1104	2071	8544	991.5	155/57	10			mid BT Combo	14
10	111332.2	1113	2091	8515	993.4	106/103	10		EWG	Rnw	15
11	111645.3	1114	2082	8637	954.9	270/2	10			Center Combo	16
12	111914.4	1119	2081	8652	955.2	275/58	12		EMW		17
13	112022.1	1120	2081	8720	991.2	335/56	10			mid BT Combo	19
14	114435.2	1144	2080	8829	1001.1	345/59	10			EPW	20
15	115929.3	1159	2106	8720	998.8	310/29	10			EP SW Combo	22
16	121225.4	1212	2042	8691	991.8	285/49	10			mid CP Combo	23
17	122227.1	1222	2093	8639	937.8	250/2	150		ENSW	LN	24

BT at 942 BT at 1108 CP 1220 CD 1235
 3) nice updraft at 1505
 4) removed upper RH - slow eye
 8) switched to RH2

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Storm Michael Dropwindsonde Scientists Sollwood Page ___ of ___
 Flight ID 1414A Flight Director Scars Takeoff from Lake Louise at ___ UTC
 Mission ID 2018101DHI 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 (kt)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
18	123021.2	1230	2908	8630	953.7	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	80/59	10			MID BT combo	28
21	132939.1	1321	3020	8722	927.7	26/30	10			EP NW combo	31
22	134057.2	1341	2934	8624	938.5	X			ENW	Fast Fall	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		EKSE		34
25	135651.1	1356	2868	8529	993.7	170/51	12			mid	36
26	141147.2	1411	2811	8459	1002.5	180/43	10			ERSE	38

19 → midpoint is near endpoint due to land
 24 → bad RH dry with low 7100% above