

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

Storm mate Dropwindsonde Scientists Sellwood Page 1 of 2

Flight ID WD116A Flight Director Holmes Takeoff from Lakehead at 745 UTC

Mission ID 20171007H AVAPS Operators Underhill 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 #
1	090104.1	901	2515	8717	1004	10/9	25	Bad		Combo 1P	1
2	091308.2	913	2519	8714	1000	05/45	10	Bad		Combo mid ✓	2
3	092658.3	927	2471	8735	986	190/6	10	Bad		Combo + new center	3
4	093602.4	936	2413	8737	998	220/30	10	29.1		Combo + new mid *S	5
5	095128.2	951	2321	8736	1004	195/23	12	26.8		End Combo	6
6	102343.4	1023	2513	8588	1005	155/35	10	Bad		Start leg 2 Combo	7
7	103442.1	1034	2513	8627	1001	155/64	12	26.4		Combo + new mid 6	8
8	104705.3	1047	2527	8756	986	170/04	10	28.7		Center + new	9
9	105829.1	1058	2526	8744	999	320/15	10	Bad		mid combo ✓	11
10	110848.2	1108	2522	8922	1001	065/12	10	Bad		End Combo	12
11	113414.3	1134	2439	8846	1000	240/17	10	28.1		Start leg 3 Combo	13
12	114230.4	1142	2526	8813	995	05/48	10	28.9		mid Combo (sw)	14
13	115830.1	1158	2411	8759	996	085/63	10	Bad		mid (13)	15
14	120506.2	1205	2411	8720	1001	131/54	12	Bad		End Combo (NE)	16
15	122408.3	1224	2467	8919	1002	085/50	12	X		End (NW)	17
16	124130.4	1241	2424	8866	998	N/A		X		mid (NW)	18
17	125103.1	1250	2591	8806	986	230/11	12	X		center + new	19

check on the

no center drop

*early drop in 4000z band
drop 14 critical to get str wind

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Storm Rate Dropwindsonde Scientists Sauvage Page 2 of 2

Flight ID WD16A Flight Director Holmes Takeoff from Lakeland at 745 UTC

Mission ID 201710241 AVAPS Operators Underhill 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	125745.3	1257	2562	8769	996	199/51	10	272		Mid + BT + new	21
19	131015.1	1310	2510	8711	1005	182/9	15	272		End leg	22
20	132921.2	1329	2621	8754	997	140/73	10	272		Start CS (SE quadrant)	23 +BT
21	133259.3	1333	2631	8783	988	125/74	10	272		Mid CS (inside quadrant)	24 +BT
22	135121.4	1351	2710	8789	1002	107/36	10	291		End CS (SE quadrant)	25 +BT
3.1	92714.1	927	2477	8737	986	210/08	10		Center	new RD41	X
4.1	93616.3	936	2411	8737	999	210/42	10		mid	new RD41	X
7.1	102456.2	1024	2513	8673	1000	150/50	10		mid	new RD41	X
8.1	104726.4	1047	2527	8758	986	205/08	10		center	new RD41	X
17.1	125120.2	1251	2591	8804	986	220/13	10		center	new RD41	
18.1	125756.4	1257	2562	8768	995	190/10	17		mid	new RD41	

RD41

#18 noisy winds near surface
 #16 " " #22 " "
 #20 forgot to add SST