

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

Storm Gordon Dropwindsonde Scientists Sellwood Page 1 of
 Flight ID 0407A Flight Director Mike Holmes Takeoff from Lakeland at 834 UTC
 Mission ID 180904#1 AVAPS Operators Warneke Recovery at Lakeland at 1525 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	085518P2	855	2193	8566	1052	120/15 10	X		IP	1
2	090909P2	909	2195	8483	107.2	125/37 10	28.0		Midpoint Combo (E)	2
3	092140 P3	921	2777	8576	100.6	140/19 14	X		center	3
4	093437P4	934	2777	8681	101.2	065/23 10	X		midpoint (w)	5
5	094550P1	945	2778	8773	102.5	075/14 10			Combo EP (w)	7
6	102109 P2	1021	2614	8599	1013.0	200/13 DLM			EP (S) (in)	9
7	103506 P3	1034	2715	8604	1012.0	200/21 10	F		midpoint combo	10
8	104626 P4	1046	2794	8607	1004.0	165/18 12			center	11
9	105817 P1	1058	2837	8610	1011.9	095/35 10			mid	12
10	110921 P2	1109	2956	8604	1016.1	065/36 12			EP N combo	14
11	112735 P3	1127	2852	8761	105.5	090/22 10			EP NW combo (n)	16
12	114149 P4	1141	2881	8697	1012.2	065/29 10			mid (NW)	17
13	115647 P4	1156	2806	8625	1005.7	180/43 10			center	18
14	121101 P2	1211	2737	8547	1013.0	175/22 10			mid (SE)	20
15	121731 P3	1217	2767	8510	1014.0	151/21 10			EP (SE)	21
16	125758 P4	1257	2927	8502	1016.9	110/26 10			EP (NE) in	24
17		1312							mid-combo	

- 6) T/RH dropout below 866 mb
- 14) BT released 1110
- 13) very tilted center - fit local wind 1 kt
- 17) AVAPS system went down needed to reboot - lost data



