



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



Storm AL92

Dropwindsonde Scientists Shirley Murillo & Paul Leighton

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Flight ID 080814H1 Flight Director Barry Damiano

Takeoff from Belas at 1502 UTC

NOAA 42 Mission ID P3004 Wire AVAPS Operators Bob Ottaway Joe Basko

Recovery at Barbados at 2242 UTC

Drop #	Sonde ID #	Time (UTC) hhmmss	Lat (°N) Lon (°W)	Lon (°W) Lat (°N)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt) hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	062049244	155711	61.47 Lon 16.56	16.56 Lat 61.47	1012.1	127/14 4			IP, 105 km SE from center	10
2	062049235	170919	61.625 Lon 19.267	19.267 Lat 61.625	1013.0	119/21 7	-		northeastern most point on flight track	21
3	062049218	180016	63.32 Lon 16.70	16.70 Lat 63.32	1011.0	116/4 7				27
4	062049256	182330	61.859 Lon 17.255	17.255 Lat 61.859	1011.9	176/6 7				30
5	062049219	183524	62.051 Lon 18.129	18.129 Lat 62.051	1012.0	127/12 6.9			in stratiform rain	32
6	060226236	185026	62.595 Lon 18.933	18.933 Lat 62.595	1011.7	118/21 7.4			Northern most point on flight track	36
7	060226136	190851	63.462 Lon 17.927	17.927 Lat 63.462	1010.6	201/6 10				40
8	062049241	194815	61.007 Lon 18.177	18.177 Lat 61.007	1012.4	153/10 7.7				45
9	061519107	195815	61.762 Lon 18.766	18.766 Lat 61.762	1010.9	103/19 8				47
10	062249015	200402	62.218 Lon 18.411	18.411 Lat 62.218	1011.9	151/19 12				49
11	062049281	201529	62.924 Lon 17.983	17.983 Lat 62.924	1011.2	118/17 13.8				51
12	061519044	202858							fast fall!	
13	062049224	203040							no winds	
14	062249248	203735	61.859 Lon 18.192	18.192 Lat 61.859	—	126/8 24				54
15	060356137	204649	61.886 Lon 18.922	18.922 Lat 61.886	1012.5	160/23 2.9				57
16	061519108	206910	62.920 Lon 18.876	18.876 Lat 62.920	1011.7	113/19 3.2				59
17	060416037	211321	63.051 Lon 17.811	17.811 Lat 63.051	1011.2	136/2 7				61

EMC drop
HRD drop