



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

B'as

at 1502 UTC

NOAA 42

Mission ID P3DDA Wine

AVAPS Operators

Bob Otney 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 hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	062049244	155711	61.47	16.56	1012.1	127/14 4	—	—	IP, 105 km SE from "center"	10
2	062049235	170919	61.625	19.267	1013.0	119/21 7	—	—	northeastern most point on flight track	21
3	062049218	180016	63.32	16.70	1011.0	176/4 7				27
4	062049256	182330	61.859	17.255	1011.9	176/6 7				30
5	062049219	183524	62.037	18.129	1012.0	127/12 6.9			in stratiform rain	32
6	060226236	185026	62.595	18.933	1011.7	118/21 7.4			Northern most point on flight track	36
7	060226136	190851	63.462	17.927	1010.6	201/6 10				40
8	062049241	194315	61.007	18.177	1012.4	153/10 77				45
9	061519107	195815	61.762	18.766	1010.9	103/19 8				47
10	062249015	200402	62.218	18.411	1011.9	151/19 12				49
11	062049231	201529	62.924	17.983	1011.2	118/17 138				51
12	061519044	202858							fast fall!	
13	062049224	203040							no winds	
14	062249248	203735	61.859	18.192	—	126/8 24				54
15	060356137	204649	61.886	18.922	1012.5	160/23 29				57
16	061519108	205910	62.920	18.876	1011.7	113/19 32				59
17	060416037	211324	63.057	17.811	1011.2	136/2 7				61

EMC drop
HRD drop