

2009 53.1

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

Storm Earl Dropwindsonde Scientists Leighton/Musillo/Cione/Rogers Page 1 of
 Flight ID 10090111 Flight Director Plaharty Takeoff from Bdos at 1921 UTC
 Mission ID WXPTA Earl9 AVAPS Operators Peck/Mach Recovery at MacDill at 2121 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) _{ms} (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	094735580	2322	2700	7112	1000.8	149/43 6.8	-	E	±P start leg 1	?
2	094735042	2345	2700	7300	950.5	141/105 3.6	-	E	eyewall 145 ms	39
3	100145297	2350	2658	7328	931.8	210/8 5.9	-	E	End leg 1 start leg 2	40
4	094120084	2352	2658	7336	949	304/107 M	-	W	eyewall P. Not to Surface	43
5	094645052	2416	2654	7522	917.3 947.8	355/213 10 331/20 5.1	-	W	End leg 2	47
6	094735107	2445	2524	7330	958 946.8	275/17 18 242/24 5.6	-	S	Start leg 3	52
7	094735714	2511	2709	7336	940.5 949	214/100 27 214/114 7	-	S	P. Not to Surface	55
8	094735110	2517	2737	7335	913.5 945	42/56 7 46/55 10.25	-	N	P. to Surface ^{start leg 4} 153 ms	57
9	093736211	2537	2856	7342	917.7 948.4	57/22 14 48/18 6.1	-	N	End of Leg 4	62

- ended late