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

Storm EARL Dropwindsonde Scientists Ulhorn Page ___ of ___

Flight ID ___ Flight Director Sears Takeoff from KMCF at 1043 UTC

Mission ID WX07A EARL12 AVAPS Operators Olney 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 #
124404	1	094645085	124404	35.03	74.80	997.3	298/56	18	27.4		IP Combo BT	17
130322	2	095035231	130316	36.06	73.69	966.1	276/56	23	27.5		SW of center	20
131317	3	094645091	131312	36.67	73.28	968.7	94/46	24			NE of Center	23
133606	4	094645039									turn point — NLD —	
133758	5	094735048	133756	38.08	72.57						— FSU — AVAPS oper. error	
140250	6	100145187	140254	37.99	74.52	998.4	13/42	14	24.6		Combo turn point	31
142418	7	100145039	142411	36.81	73.36	995.8	86/36	23			NW center	36
142702	8	160145201	142706	36.68	73.16	962.5	121/10		25.6		Center Combo	39
144010	9	095335026	144020	35.89	72.57	980.4	210/62	26			Mid pt SE	40
145338	10	095035148	145339	35.21	71.90	997.3	213/54	19	28.1		turn pt. SE Combo	43
151559	11	100145056	151603	37.07	70.66	996.5	169/60	32			turn pt E	46
152854	12	095335022	152904	37.06	71.86	985.5	137/60		26.8		mid pt. E — DNS —	Noisy
155339	13	095335043	155341	36.95	74.04	983.5	336/50	25	25.5		mid pt W. Combo	51
160340	14	095335027	160343	36.95	74.92	997.3	341/22	27	24.0		End pt. W	54