

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

Storm Irma Dropwindsonde Scientists Jason Dunbar Page 1 of 2
Flight ID 20170908H1 Flight Director Mike Holmes Takeoff from Lakeland at 0724 UTC
Mission ID 2011A IRMA AVAPS Operators Nick Underwood Recovery at Lakeland 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 #
1	D20170908-P1	092047	21.666	75.174	991.9	340/62	10	27.9		IR BT COMBO IP	01
2	D20170908-P2	092908	21.677	74.635	974.0	325/69	10	28.86		IR/ST MID	02
3	D20170908-P3	093717	21.637	74.084	929.1	170/10	10	28.73	Center	IR/ST Center (CAN TO LHS "CTR")	03
4	D20170908-P4	094831	21.637	73.289	985.4	150/60	10	28.12		IR/ST MID	04
5	D20170908-P1	095715	21.623	72.687	997.1	130/40	10	26.3		endpoint (E) IR/ST	05
6	D20170908-P2	104347	22.959	75.051	998.3	040/54	10	29.36		IR/ST endpoint (N)	06
7	D20170908-P3	105435	22.339	74.741	982.9	025/59	10	28.61		IR/ST midpt (N-ctr)	07
8	D20170908-P4	111759	21.011	74.076	983.9	200/67	10	28.72		IR/ST midpt ctr-S	08
9	D20170908-P1	113027	20.283	73.714	999.9	210/46	10	29.11		IR/ST SSE endpt	09
10	D20170908-P2	120320	20.845	73.329	998.3	185/46	10	28.85		IR/ST SE endpt	10
11	D20170908-P3	121026	21.189	73.226	992.0	175/61	10	28.64		IR/ST mid	11
12	D20170908-P4	121929	21.655	74.260	958.2	140/20	10	X	eyewall	RD94 RMW SE	12
13	D20170908-P1	123058	21.945	74.970	947.7	N/A	-	X	eyewall	RD94 RMW NW	13
14	D20170908-P2	124047	22.366	75.502	988.7	015/67	10	28.49		IR/ST mid	14
15	D20170908-P3	124844	22.736	75.972	988.5	020/68	10	28.95		IR/ST NW endpt	15
16	D20170908-P3	131003	21.487	75.542	982.5	320/62	10	28.32		IR/ST COMBO SW endpt	16
17	D20170908-P2	131708	21.640	75.139	979.5	285/83	10	X	eyewall	RMW SW skip mid - Cuba	17

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