

N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Claudette Dropwindsonde Scientists M. Black, Barry Damiano Page 1 of
 Flight ID 030713N Flight Director Paul Flaherty Takeoff from med. 11 at 1731 UTC
 Mission ID 1604A Claudette AVAPS Operators Chris Hornbrook Recovery at med. 11 at 0030 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	SA/COM tries	Ob #
1	021925144	175451	26.03	84.04	1017.2	136/10 7	5	100% ^{intermittent winds} low-mid	5	01
2	021925090	181533	26.00	86.50	1017.2	142/7 7	10	100% just below flt-level	1	02
3	020835056	183515	25.94	88.93	1015.5	102/20 7	20	100% below	1	03
4	021925227	185259	24.05	88.92	1010.4	154/25 9	19	110% below, ^{noisy PTH} near SFC	5	04
5	020835010	190501	24.00	87.00	1016.2	142/10 7	9	70% mid-level	1	05
6	020615007	191918	23.82	85.18	NO WINDS			100% - near convection ^{no winds}		
6a	020835004	192114	23.65	85.35	1016.0	190/5 7	2	80% below ^{mid sonde} backup	3	06
7	020215486	193916	22.05	86.98	Failed at splash	—	—	Thin cir / clear below ^{sent} cor out	2	07
8	020835058	195506	22.00	89.00	1014.2	200/10 7	9	Thin cir / set cu below ^{PT 1013.4}	4	08
9	020835053	201049	21.98	91.00	1012.0	206/7 7	11	Thin cir / clear below ^{1622 1011.2}	1	09
10	020835055	202913	20.74	92.88	1010.3	236/5 7	5	Thin cir / clear below ¹⁷⁷⁷	5	10
11	020835002	204545	19.62	91.19	1012.5	325/4 7	5	Thin cir / set cu below	1	11
12	020835007	210256	18.75	93.00	1012.0	010/5 7	3	Set cu ¹⁷⁷⁰	1	12
13	020615245	212141	18.99	95.25	—	—	—	Set cld	3	13
14	020835012	213638	20.76	95.38	1012.7			clr	1	14
15	021925016	214938	21.06	96.94	1013.3	8/12		clr	3	15
16	021925013	221121	23.72	96.74				10% low cu	2	16

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Flight ID 0307130N Flight Director Paul Flaherty Takeoff from MCP-11 at 1731 UTC
Mission ID 1604A AVAPS Operators Chris Hornbrook Recovery at MCP-11 at 1830 UTC

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