

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

278' 9250'

3-2-2016
1-24

Storm Claudette Dropwindsonde Scientists M. Black Page 1 of 1
 Flight ID 2004A Flight Director Paul Flaherty Takeoff from medill at 1728 UTC
 Mission ID 030714N AVAPS Operators Chris Hornbrook Recovery at _____ at _____ 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	SATCOM tries	Ob #
1	021925008	175600	26.52	84.04	1018.4	172/6	7 5	Clear	7	1
2	022918038	181120	26.50	86.00	1017.5	154/8	8 6	100% Thick cirrus	1	2
3	022625112	182714	26.50	86.01	1016.5	163/10	8 14	100% Thick cirrus	3	3
4	022625169	184245	26.95	90.00	1015.2	150/20	8 28	100% Thick cirrus ^{clipped} in conv	2	4
5	022815071	190322	24.54	91.54	1013.5	195/16	7 21	70% low-mid cu	1	5
6	022815001	191849	24.5	89.5	1015.4	159/18	5 15	thin cirrus, 10% low cu	1	6
7	021925107	193519	24.5	87.25	1016.5	135/9	4 8	100% Thick cirrus	3	7
8	022625059	195107	24.39	85.09	1016.5	104/6	5 3	Thin cirrus, clear below	2	8
9	022945148	200753	22.51	86.04	1014.7	126/12	7 5	Thin cirrus		9
10	021925087	202334	22.5	88.01	No pressure data			Thin cirrus ^{early failure} , clear below		
10a	022815074	202602	22.5	88.32	1014.5	102/16	4 7	Thin cirrus ^{noisy winds} - Backup	2	10
11	022918028	203919	22.5	90.0	1014.4	107/8	16 9	Very thin cirrus	4	11
12	021925110	205439	22.42	91.9	1013.1	179/14	7 13	clear, near convection	1	12
13	022815079	211158	20.53	91.14	1011.4	303/8	5 7	clear, ^{noisy} near SF, relaxed	3	13
14	022625174	212634	20.41	92.96	1011.3	192/3	8 6	a few low cu	W/2	14
15	022945073	214113	18.70	93.02	1010.6	321/10	4 6	thin cirrus	W/2	15
16	022815130	215728	18.73	94.98	1011.7	329/8	2 2	few cu low	W/2	16

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Storm Charbette Dropwindsonde Scientists M. Black Page 2 of 2
Flight ID 2004A Flight Director Paul Flaherty Takeoff from MCD.111 at 1728 UTC
Mission ID 030714N AVAPS Operators Chris Hornbrook Recovery at _____ at _____ UTC

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