

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

Storm IVAN Dropwindsonde Scientists Jason Dunion Page 1 of 2
 Flight ID 040910N2 Flight Director Marty Mayeux / Jack PARRISH Takeoff from MacDill at 1730 UTC
 Mission ID 1709A IVAN AVAPS Operators DALE CARPENTER / JIM ROLLES Recovery at MacDill at 0147 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
1	033048172	181137	23.411	80.377	1012.8	090/14	4	13	59% low Cu dry above 850mb (5-30% RH) SAL? Polar?	111	01
2	033418085	182822	22.381	78.380	1011.5	085/20	5	13	mod cirrus/10% low Cu 5-45% RH < 850mb	11	02
3	033415052	184527	21.352	76.367	1009.9	090/24	7	15	mod cirrus/20% low Cu	1	03
4	033415001	190452	20.509	73.989	1009.9	105/20	4	20	undercast	1	04
5	033418078	191929	20.667	72.004	1011.0	100/18	7	12	undercast 10-35kt outflow (SW) ~200-400mb	1	05
6	033418081	193340	20.833	70.001	1011.7	120/13	7	06	undercast 10-50% RH ~550-925mb (SAL? polar?) Strong outflow 200-400mb	1	06
7	033415059	194732	20.913	68.049	1012.3	095/11	4	01	undercast 15-45% RH 500-925mb no winds 60-130s SAL? polar?	1	07
8	033518011	200259	18.998	68.001	1011.0	100/06	7	04	undercast	1	08
9	033518015	201839	16.999	68.001	1010.4	105/13	8	08	20% low Cu ~20-40% RH above 925mb SAL	11111	09
10	033518013	203412	15.061	68.065	1009.3	115/14	4	10	59% low Cu - dry 600-925mb, 200-550mb	1	10
11	033418077	204951	15.060	69.935	1008.1	110/20	5	14	thin high-level cirrus below	111	11
12	033518019	210120	16.384	69.999	1008.6	105/14	7	14	20% low Cu	1111	12
13	033415275	211230	17.666	70.082	1010.4	NA	5	12	undercast 35% RH 600-850mb	1	13
14	033418074	212927	16.956	71.959	1009.9	125/18	7	22	undercast	111	14
15	033418076	214524	15.061	72.063	1008.2	125/13	4	16	undercast	1	15
16	033415057	220018	15.022	73.877	1007.1	205/19	7	23	undercast	1	16
17	033415058	221300	16.496	74.029	1004.3	NA	9	NA	undercast winds sporadic	11	17

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Recovery at MacDi'l at 0147 UTC

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