

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

1824 80.24

Storm Ivan Dropwindsonde Scientists Kaplan Page 1 of 2
 Flight ID 040912h1 Flight Director FLaherty Takeoff from McDILL at 0524 UTC
 Mission ID 2309A IVAN AVAPS Operators Hornbrook, Hill, Brogan Recovery at McDILL 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	Processed	SATCOM tries	Ob #
1	033415003	060102	24.17	81.34	1010.7		080/15	Heater OFF A little dry mid low levels	✓	11	1
2	033415229	062833	22.80	78.99	1008.7		110/19	ORIGINAL Dwp2 could not be NAOR BECAUSE CWA Aerial clearance	✓	1	2
3	033415006	064204	22.05	77.77	1008.4		135/18		✓	1	3
4	0334955009	070048	24.01	76.01	1011.4		120/09		✓	1	4
5	034918183	074717	25.99	76.00	1012.7		095/06	0855 SENT AS 0862 0856 AS 085	✓	111	5
6	033415002	073038	26.98	74.49	1013.8		065/08	Slightly dry at mid-low levels	✓	1	5
7	033415512	074424	26.94	72.56	1013.4		020/05	Dry ABOVE 600MB	✓	1	7
8	033415230	075937	25.01	72.55	1013.8		045/01	Dry ABOVE 550MB	✓	1	8
9	033415232	081350	24.02	74.00	1011.5		120/05		✓	1	9
10	033415228	083150	22.04	74.71	1009.9		270/13	LATE WINDS (575) NO WINDS BELOW 500MB	✓	1	10
11	033415395	084752	20.87	73.13	1010.1		190/08	DRY @ ~700MB	✓	111	11
12	033415233	03345233	19.05	75.03	1009.8		160/18	DRY - 700-850MB	✓	11	12
13	034555204	092741	14.67	76.66	1007.4		150/28		✓		13
14	033415004	093745	18.62	77.44	1006.3		170/33		✓		14
15	033415007	095635	17.38	79.12	1002.0		195/49		✓		15
16	034315198	0956	17.20	81.0		no sent		BAD WINDS NO SATELITE	X	X	X
16h	034955010	1014	17.24	81.26	995.4		265/49	Heater OFF 35kt speed	✓		

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 Flight ID 040912nl Flight Director _____ Takeoff from _____ at _____ UTC
 Mission ID 2309A IVAN AVAPS Operators _____ Recovery at _____ at _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt)	DLM wind (kt)	Comments		SATCOM tries	Ob #
17	034255001	102539	17.63	82.50	1000.1		380/37	Heaters off 40kt 5ft	✓	11	17
18	033415225	104722	19.99	83.06	1050.1		040/39	45kt 5ft wind	✓	1	18
19	033415005	110154	20.04	84.98	1005.8		035/23	intermittent winds	✓	1	19
20	034918178	111953	22.00	85.99	1009.1		060/16		✓	1111	20
21	033415224	113622	23.94	85.92	1010.0		065/10		✓		21*
22	033415231	114451	24.06	84.07	1101.0		075/16		✓		22*
23	033415226	120606	25.94	84.07	1012.3		080/06		✓		23*
24	033415227	120136	25.99	86.00	1012.4		080/04		✓	1	24
25	034555125	123718	26.06	87.93	1011.7		110/02		✓	1	25
26	033415396	125217	27.76	87.83	1013.1		140/03		✓	X	26
27	034555110	130527	28.00	86.00	1013.4		115/02		✓	1	27

LAST REPORT!