

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

Storm IVAN Dropwindsonde Scientists M. Black Page 1 of
 Flight ID 040914I Flight Director Tom Shepherd Takeoff from MacDill at 1920 UTC
 Mission ID 3609A Ivan AVAPS Operators Debbie Smith, Ray Tong 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 #
			2527					33 in/s SEMR		
1	003825014	202822		8512	9833	94/56 10	115/8	Hurr Force ~ 75 mi NE		12
2	003825316	204101						1340 WALT NW		
	013635016	204501			982		170	Eye wall NW		14
4	013915054	204621			929	5		EYE DROP		15
5	01363077	205001			961			EYE WALL SW		
6	003825021	205922			983	20/50 18		Quale Force/Hurr Force		16
7	013635039	2147			985			H Force drop SE		17
8	003475071	2156			944	203/69 7		eyewall - SE		
9	003825300	2201			982			EYE		18
10	013915055	220713			952.1			E eye wall NW		19
11	013919056	221201			951.1			E eye wall NW		20
12	013515059	221416			980.5			Hurr Force NW		21
13	024115347	222157			964.0	94/56 10		WALT NW Hurr Force		22
14	013635094	230758			939.3			W - Hurr Force		49
15	013515065	2314			943			W eyewall		51
16	013635010	2318			928			EYE DROP		48
17	013515037	232443						E eyewall 9 FMR 55		50

Big eye wall 1000 ft

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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 #
18	013515044	2324						EYE #6 : 87020' 25.12' 25.07'		
19	013635115	234139			994			RR East side 80 m/sec		58
20	013635261	002536						RR EAST PLANE		63
21	024415312	003943			995.8	112kt - 17ft		UBLOX EWN		66
22	024415198	003954						UBLOX EWN		70
23	024415349	004004						UBLOX EWN		71
24	024415255	004024			993.2			EYE - UBLOX		71
25	013215150	014339			991.8			HUM FORCE ESE		78
26	013635261	015914			992			EW ESE		80
27	012515052	020336			981.6			EYE		82
28	013815053	020428			951.1			EYE WIND WNW		83
29	013515048	020948						EW WNW		83
30	013515048	021801						HUM FORCE WNW		
31	033415298	0308			934	240/7		EYE #6		95
32	033415032	30837						NW EYE WIND		99
33	034715146	31358								100
34	034715026	31410						NO WINDS < 134 M		101
35	033415035	0329			993	123/68 5		NW H FORCE		102