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

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light ID 040914I Flight Director Tom Shepherd Takeoff from MacDill at 1920 UTC

ission ID 3609A Ivan AVAPS Operators Jeff 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 (kt)	hgt (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
			25.27						33 m/s SFMR		
1	003825014	202432		85.92	9933	96/56	10	115/88	Hurr Force ~75 mi NE		12
2	003825316	204101			NO WINDS				Eyewall NE		—
3	013635012	204110			942			170 kt	Eyewall NE		13
4	013915054	204621			929	S			EYE DROP		15
5	013635059	205250			961				Eyewall SW		23
6	003825021	205922			983	220/50	18		Gale Force Hurr Force		28
7	013635039	214657			985				H Force drop SE		27
8	003475071	215636			941	203/69	7		eyewall - SE		33
9	003825300	220102			928.8				EYE		31
10	013915055	220713			952.1				Eyewall NW		34
11	013915056	220722			951.1				Eyewall NW		39
12	013515059	221416			980.5				Hurr Force NW		46
13	024415342	222153			UPLOK 992				UPLOK Hurr Force		38
14	013635094	230758			939.3				W - Hurr Force		49
15	013515065	231438			943				W eyewall		51
16	013635010	231859			928				EYE DROP		48
17	013515039	232493							E eyewall SFMR 55		55

[illegible]

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light ID 0409141 Flight Director T. Shepherd Takeoff from at UTC

ission ID see page 1 AVAPS Operators J. Smith Recovery at at 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 EYE#6 : 87°20' 25.12? 25.07'	SATCOM tries	Ob #
18	013515044	232422			—				E eyewall [illegible]		58
19	013635115	234139			994				RR East side 80 miles		58
20	013635261	002356				75 kt			RR NORTH [illegible]		63
21	024415313	003943			945.8	112 kt - 17 ft			UBLOX EWN		66
22	024415168	003954							UBLOX EWN		70
23	024415349	004004							UBLOX EWN		71
24	024415355	004529			930 mb				Eye - ublox		67
25	013215150	014339			991.8				Hurr force ESE		78
26	013635260	015914			942				EW ESE - [illegible]		80
27	013515052	020336			931.6				Eye		82
28	013215153	020158			951.1				EYEWALL WNW		83
29	013515048	020948							EW WNW		85
30	013515043	021801			NO WINDS				HURR FORCE WNW		
31	033415298	030816			934	249/7			EYE #6		95
32	033415032	031339							NE eyewall		98
33	034918146	031358							"		100
34	034955023	031410							" NO WINDS < 1134 MS		104
35	033415035	032920			993	123/68	5		NW H FORCE		102