

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Helen Dropwindsonde Scientists M. Black Page 1 of       
 Flight ID 060919H Flight Director Marty Meyeux Takeoff from Barbados at 1345 UTC  
 Mission ID WANXA AVAPS Operators B. J. Olney Recovery at Barbados at 2256 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	IST SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	053626127	163521	24.2	53.5	959.4	253/60	6	-	EW SW	sw eyewall - open SFMR - 33 m/s	12
2	053626299	163731	24.3	53.5	957.6	35/2	7.4	26.8	EIE		11
3	053626260	164402	24.7	53.3	970.2	84/74	8	-	EW NE	- SFMR 40 m/s	12
4	051926230	165415	24.7	53.6	971.0	45/72	9	-	EW N		15
5	053726015	171403	24.2	53.8	961.6	205/65	8	-	EW SE	SFMR - 33 m/s	16
6	053716456	172611	24.6	53.7	962.2	35/95	6		EW N	95 ft SRC - 87 ft SFMR	19
7	053626197	173634	24.6	53.8	964.1	18/79	10		EW NW		21
8	053626090	174050	24.3	53.7	955.6	8/2	4	-	EIE	slowly deepening	23
9	<del>053626291</del>	<del>174449</del>	<del>24.5</del>	<del>53.48</del>						NLD: FF	
10	053626125	180130	24.4	53.9	960.3	223/28	7	26.8	EW SW	West eyewall	24
11	053626293	180305	24.4	54.0	969.5	39/56	10		EW W	outer portion	25
12	053726041	181438	24.3	53.8					EW SW	FAST FALL	
13	0537166251	182329	25.6	53.3	971.6	125/56	13	-	EW NE	Pendulum, 30 sec wind filter	26
14	053626286	183303	24.6	53.8	963.5	93/20	5	-	<del>EW N</del>	<del>40 ft SFMR</del>	27
15	053116219	185928	24.7	53.8	Failed data	405			EW N	30 m/s SFMR	
16	053416094	190040	24.7	53.8	970	50/62	9			37 m/s SFMR, 32 m/s	28
17	3 FAS	191210							EW N	NLD Fast Fall - no winds	29
18	053716274	192926	24.4	54.1	963.1	354/68	31		EW W		30

053716275  
 18  
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19 053716594 194515 24.44 54.12  
 20 053716280 200014 24.44 54.14

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 27  
 28  
 29  
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