

740

737 779

LF down

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

Storm Helene Dropwindsonde Scientists Rogers, PAL Page 1 of 2

Flight ID 060184 Flight Director Mayer Takeoff from Barbados at 1320 UTC

Mission ID _____ AVAPS Operators Olvey, Rago Recovery at _____ at 2213 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	053166275	142832							no launch detected	
2	053726008	143602	17.53	55.84	1014.6	295/14 5			no real jet, 10% at 700mb	6
3	053416373	145136	18.44	55.05	1014.7	319/18 13			Wm dry at 500 SW wind at 15kt in moist drops to little sign of dry layer, some form IP, uniform winds	8
4	053636018	150115	19.49	54.17	1013.3	308/10 4				10
5	054046075	152734	20.56	53.18	1011.7	311/14 7		at IP, 220mm SW	instrum circ view, at IP	13
6	053716286	153650	20.99	52.63	1010.1	310/28 4				14
7	053626069	155333	21.81	51.54	1006.9	322/23 4		110nm SW		17
8	054046081	160145	22.25	51.02				75nm SW	Satellite fade at 940mb	18
9	054046066	161925	23.58	50.57	965.9	352/2 5		eye	15 26/27	21
10	053716020	162504	23.9	49.98	975.8	82/70 15		NE eyewall	fast fall, no CD	24
11	054046076	164910	25.0	49.5	1006.9	95/63 37		turn point	bumpy, strongest w here	25
X 12	054046084	170802	25.0	51.12					fast fall, no CD	-
13	053716018	171058	25.0	51.43	1003.8	43/72 672			back up to 12, weak signal	26
X 14	053626171	172501	25.01	52.76					fast fall, no CD	-
BT 15	053716014	172825	24.9	52.83	1004	18/25 10		turn pt NW		27
BT 16	054046079	173312	24.7	52.47	1008.6	34/39 202		inter point	26.5 SST, weak signal	28
17	054046083	174013	24.42	51.96	1004.6	27/45 14		inter point NW		29



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Storm Helene Dropwindsonde Scientists Rogers, PIR Page 2 of 2
 Flight ID 060918H Flight Director Moyeaux Takeoff from PortBadoz at 1320 UTC
 Mission ID _____ AVAPS Operators Olney, Pasco Recovery at _____ at 2213 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
* 18	053716017	181510	22.8	49.64						NLD	
19	053716021	181620	22.8	49.58	998.2	186/39	4		SE midpt		32
20	053716016	183005	22.1	48.79	1007.3	172/23	4		turnpt SE	grapel here	1
21	053716012	184036	22.87	48.69	1005.6	163/35	7		midpt of N band/log		1
22	053716019	184848	23.66	48.69	-999					No press below 940 mb, set to	2
✓ 23	054046067	190115	23.76	49.66	992.9	138/43	10				2
✓ 24	054046080	191352	23.76	50.70	962.6	40/12	13		eye		
✓ 25	054046072	192949	23.72	51.99	998.5	344	66		W of eye	set RH 2 to RH 1	
✓ 26	053626028	193444	23.66	53.15	1007.6	349	25				
✓ 27	053716022	195802	22.68	53.82	1009.4	329/21	6				
✓ 28	044135135	200821	21.93	54.31	1011.3	329/16	8			in dry slot on aqua image	
✓ 29	053626029	201640	21.26	54.72	1011.8	330/18	12			last drop that worked	
X 30	053626070	204130	19.35	55.89						no initialization	

ASDC shut down