

Center 171736 25 52 56 41

2549 56 43 eye coords

Helene

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

Storm 060920M1 Dropwindsonde Scientists M. Black / P. Leighton Page 1 of 2
 Flight ID 060920M1 Flight Director M. Mayeaux Takeoff from Barbados at 1406³⁴ UTC
 Mission ID 060920M1 AVAPS Operators C. Rasco / B. Olney Recovery at Barbados at 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 #
71.4	1	053716277	161045	22.0	58.9	1010.2	272/19	20	-	Clear, dry, 120 mi S of IP	10
57.9	2	053626073	162503	22.96	58.92	1008.4	282/23	127	-	" " 60 mi S of IP	11
97.7	3	053716282	164048	24.03	58.90	1004.7	300/31	10.10	-	IP	12
55.9	4	053716279	165028	24.50	58.32	1002.1	319/39	6.3	-	150 mi SW of eye - hazy	14
100	5	053716278	165805	24.90	57.92	995.7	314/62	16	-	Stratiform rain	15
87.4	6	053716586	171039	25.5	57.14	974.2	306/62	6.6	-	SW Rainband	16
64.1	7	053716485	171736	25.8	56.71	960.1	39/60	4.4	26.4	Eye center drop-eye	18
19	8	053716283	17330	26.94	56.33	990.5	85/50	8.4	-	Stratiform / 160 mi S of eye	20
49.1	9	053626183	174511	27.84	55.97	1000	74/45	10	-	Possible Fast Fall / recovered ???	22
71.1	10	053716284	180303	29.04	55.43	1009.9	84/23	21	-		26
57.1	11	054556023	181415	29.81	55.12	1012.6	88/21	4.8	-	On set NW of eye	27
59.2	12	053716497	181703	29.90	55.33	1011.5	88/23	10.1	-	End point Leg 2 (entrance)	28
?	13	0545564585	182433						-		Channel 6
64.5	14	054556578	183350	29.94	57.00	1011.2	69/25	10.1	X	Combo No SST	30
50.6	15	054626152	184353	29.96	58.00	1010.1	64/21	6.3	-		31
57.3	16	054556232	190211	29.89	59.61	1012.0	30/17	4.4	27.0	Combo skirt Pass 2 leg 4	33
55.2	17	054626173	191718	29.09	58.83	1000.9	40/23	4.3	-		35

pressure
Circle 746

3797

Storm Helene Dropwindsonde Scientists P. Leighton / M. Black Page 2 of 2
Flight ID 060920H1 Flight Director M. Mayeau x Takeoff from Barbados at 1406 UTC 2305
Mission ID WKWXA Helene AVAPS Operators C. Rocco / B. Dmy Recovery at Barbados at UTC 1314

[illegible]