

19991014I1 - DROPS

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm Irene Flight Director Jack Parrish Page 1 of 1
 Flight ID 991014I1 Dropwindsonde Scientists M. Black Takeoff 1856 UTC
 Mission ID 0135A I AVAPS Operators _____ Landing _____ UTC
0513A Irene

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Ob #
1	990415292	195525	24°38'	82°46'	1007	75/33	75/34	27.7	80% low	w/AXBT st Dir today w/ BT mb	10
2	991515020	200712	24°1'	82°14'	1003	90/43	90/45	28.1	rainband	w/AXBT	13
3	991515017	201556	23.6	81.8	1000.2	90/45	90/45	28.1	—	w/AXBT 50 miles north of outer	14
4	990148020	215038	2252'	83°51'			20/34	—		100 mi west of ctr north shore	28
5	992539022	220748	23.1	82.8	992	39/40	40/53	—		west wind maximal	32
6	990415221	221419	23.2	82.5	992			28.2		east wind maximal	34
7	99245488	222631	23°30'	81°38'	1001			—	raind	rainband 50 miles east	36
8	992525861	225901	23.31	80.9	1003	110/36	115/46	—	rainband	~100 miles east of ctr	40
9	99048027	230443	23 39'	81 4'	1007	110/32	105/33	—		Marathon SMCFI	45
10	992615049	232212	2353'	82 6'				28.6	rainband	50 miles NE of ctr	53
11	991435001	233208	23°32'	82°10'					no launch attempt	NE eyewall	
12	992515770	234444							00/38 070/47	north eyewall?	49
13	992525860	235303								rainband	5
14	990845142	013519	24°7'	81°07'						rainband south of marathon	68
15	990415304 990415304	020059	23.64	81.65						rainband 63 kt SFC winds 25 miles west	72

Step frequency seems too high in gulf stream.