

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

Storm Isabel Dropwindsonde Scientists Jason Dunion Page 1 of 2
 Flight ID 030915n Flight Director Jack Parrish Takeoff from St. Croix at 1725 UTC
 Mission ID 1313A ISABEL AVAPS Operators Dale Carpenter Recovery at MacDill at UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
1	023535239	180238	20.555	67.480	1011.1	180/17 8	15	undercast	11	1
2	024125316	181936	22.540	67.349	1009.3	180/21 8	28	undercast dn 700-550 mb	111	2
3	023555204	183713	24.619	67.031	NA	170/61 950 mb	44	undercast no P/RH below 950 mb	111	3
4	023535421	185157	24.814	65.000	1012.3	160/30 7	25	undercast	111	4
5	023535186	190506	23.282	64.789	1012.7	140/19 113	19	undercast no stc winds IRIDIUM 2035	111 111 111	5
6	022625180	192242	23.799	62.499	1013.4	125/10 4	4	thin cirrus below 5% low Cu	111 111 111	6
7	023535354	194003	25.761	62.500	1014.5	150/11 4	5	mod. cirrus below 20% low Cu	111 111 111	7
8	023535196	195825	27.875	62.500	1015.2	105/9 7	6	mod cirrus below	111 111 111	8
9	022625178	201719	29.990	62.659				30% low Cu * segmentation fault could not process		X
10	023555201	203724	29.781	65.601	1015.5	115/21 4	14		111	9
11	024125315	205759	27.497	65.196	1013.7	120/24 8	24	undercast	1	10
12	023618021	211443	27.565	67.214	1010.1	110/28 5	38	undercast	111	11
13	023535189	212233	28.546	67.262	1011.3	110/31 7	37	undercast semi dry above 500 mb 55s launch delay	111	12
14	023535350	212915	29.436	67.300	NA	110/32 960 mb	23	undercast 20-30% RH above 500 mb below 960	111 111 111	13
15	023535209	213743	30.459	67.350	1014.1	105/21 7	16	10% low Cu IRIDIUM 2036	111 111 111	14
16	023535210	214559	31.482	67.400	1015.4	115/25 4	13	20% low Cu 10% RH 700 mb 22-50 IRIDIUM	111 111 111	15
17	023535190	215417	32.491	67.449	1016.4	110/19 4	12	20% RH at 700 mb	1	16

No Launch Detect - No Winds

410 023535357 203645 N/A N/A

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Flight Director

Takeoff from
St. Croix

Mission ID 1313A ISABEL

AVAPS Operators Dale Carpenter

Recovery at MacDill

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