

2224 6157 17002 40
N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm ISABEL Dropwindsonde Scientists LANDSEA/ABERDON Page 1 of 2
 Flight ID 030913H Flight Director SHEPARD / MAYEAUX Takeoff from St. Croix at 1516 UTC
 Mission ID NX13A ISABEL AVAPS Operators McMILLAN / ROVERS Recovery at St Croix at 0230 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	RF SFR	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	022815125	163411	21.95	61.86	965	225° 92	12	105kt	S-EW	~40nm eye ~935mb Peak flight level	6
2	020835049	163453	21.99	61.87	100	—	—	110kt	S-EW	First pass few wmds	7
3	020615144	163621	22.08	61.85	952	225° 160	153	115kt	S-EW	~145kt SFR 115kt pbias - 3.6	9
4	020835051	165950	22.26	61.88	946	55° 126	60	125kt	N-EW	Peak Pt Level SFR 139 Slightly winds pbias - 3.6mb	15
5	022815119	170051	22.81	61.86	952	60° 125	57	120	N-EW	160kt (!) SFR -3.7 pbias	16
6	022945123	170141	22.85	61.85	960	066 33	67	115	N-EW	125kt	19
7	020835001	173457	22.52	62.48	959	316 23	87	110	W-EW	Peak Altitude 140kt 3.5s launch detect delay	21
8	020615227	173534	22.50	62.48	955	326 35	39	115	W-EW	Peak Alt 166 launch detect delay	22
9	022945110	173614	22.49	62.36	946	321 26	10	115	W-EW	SFR 110 3.5s launch detect delay Low 150m 24	24
10	014335125	175246	22.42	61.72	944	140° 142	36	110	E-EW	Peak Pt Level Late winds 145 -5.0 mb pbias (145-152)	13
11	022945126	173337	N/A	N/A				125	E-EW	1.55kt No 10 min no winds	
12	020615235	175424	22.40	61.62		146 44	29	120	E-EW	SFR 130kt -3.6mb pbias	25
13	014415039	180303	22.85	62.20	947	061 35	281	155	W-N	2.7mb pbias	26
14	022915118	190336	22.88	62.31	949	066 22	97	135	W-N	-3.4mb pbias	23
15	020615229	190501	22.98	62.32	960	146 10	15	155	W-N	7.5 launch detect delay -3.0mb pbias	28
16	023235102	194323	22.8	62.60	950	281 37	89		WSW	3.5s launch detect delay	40
17	020615138	194411	22.33	62.63	959	281 33	132		WSW	Peak alt at SE	34

had bad SE winds - removed

