

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

Storm FABIAN

Dropwindsonde Scientists Abramson

Page 1 of 3

Flight ID 030903H

Flight Director Floherly

Takeoff from St Croix

at 154018 UTC

Mission ID WXIA FABIAN

AVAPS Operators Bogers / Peck

Recovery at St Croix

at 001230 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	032335270	171137	22.17	62.86	957	27587 10		W SW	Rev E sonde w/o V-regulator; full up, 1.2s launch detect delay	006
2	022945017	171214	22.18	62.84	955	28064 10		W SW	4.0s launch detect delay	007
3	022815132	171207	22.18	62.89	956	27563 13		W SW	7.0s launch detect delay, 2.1 mb pbias	008
4	022615143	171150	22.17	62.86	957	2806 31		W SW	-3.7 mb pbias	009
5	02285212	171240	22.20 62.81	Transmitted on Jerry to St Croix from ARAPS				W SW		
6	022945059	171227	22.19 62.82					W SW		
7	023235109	171220	22.19 62.83					W SW		
8	032335383	171248	22.20 62.80					W SW	full up Rev E sonde w/ V-regulator	
9	032335277	173550	22.39	62.60	949	14044 27		W NE	Rev E sonde w/o V-regulator full up, -2.3 mb pbias	011
10	023235049	173601	22.40	62.58	950	14049 10		W NE	-3.6 mb pbias	012
11	023235173	173610	22.41	62.57	951	14540 12		W NE	weird 3Hz data?	013
12	023235108	173623	22.41	62.56	951	13560 10		W NE		014
13	022815075	173632	22.42 62.55	Transmitted on Jerry to St Croix from ARAPS				W NE		
14	022918056	173647	22.43 62.53					W NE		
15	023235107	173659	22.43 62.52					W NE		
16	032335276	173707	22.44 62.51	from ARAPS				W NE	Rev E sonde w/o V-regulator; full up; DLD 4.5 s	015
17	022815209	182156	23.34	62.06	1002	10047 10				

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

Storm Jabari Dropwindsonde Scientists Aberson Page 2 of 3
 Flight ID 030903 Flight Director Flaherty Takeoff from St Croix at 154018 UTC
 Mission ID WX100 Jabari AVAPS Operators Rogers/Park Recovery at St Croix at 001230 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 #
18	022815093	182410	23.43	62.24	1002	09049 10			-2.8mb pbias	018
19	022815061	182608	23.51	62.40	1002	07056 10			10.0s launch detect delay	019
20	022615144	184718	22.72	62.71	965	05590 28		W N	7.0s launch detect delay	020
21	022945184	184752	22.69	62.73	959	04096 10		W N		021
22	022815094	184815	22.66	62.74	947	05122 ?		W N	-2.8mb pbias	023
23	023235192	185228	22.36	62.85	956	27081 20		W SW	-2.2mb pbias	024
24	023235053	191333	22.28	63.43	994	32571 29			3.5s launch detect delay	025
25	022815052	191641	22.40	63.49					3.5s launch detect delay, fast fall, weird 3Hz data	X
26	022815211	192032	22.55	63.56	995	32568 10			-2.9mb pbias	027
27	032335363	194356	22.69	62.91	954	35619 27		W W	Rev E sonde w/ V-regulator; full up; high bound. ty: wind shear	028
28	032146069	194419	22.70	62.93	959	35107 33		W W	-3.0mb pbias	029
29	032335110	194434	22.71	62.94	961	36093 112		W W	-2.6mb pbias	031
30	023235118	200553	22.70	62.93	951	35101 83		W W		034
31	032335319	200618	22.70	62.90				W W	fast fall	X
32	032335446	201124	22.83	62.65	952	08102 43		W N	Rev E sonde w/o V-regulator; full up; -2.9mb pbias; high winds	035
33	032146072	201152	22.87	62.64	948	09123 195		W N	6.0s launch detect delay	036
34	032146074	203216	23.96	62.65	1004	06545 10				038

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

Storm Jabian Dropwindsonde Scientists Aberson Page 3 of 3
 Flight ID 030903H Flight Director Flaherty Takeoff from St Croix at 154018 UTC
 Mission ID WX10A Jabian AVAPS Operators Rogers/Peck Recovery at St Croix at 001230 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 #
35	032146074	203342	23.96	62.79	1005	07551 10			9.5s launch detect delay	039
36	032335109	203624	23.95	63.05	1004	05048 10			56.0s launch detect delay	040
37	023235229	210526	23.04	62.82	964	06091 24		W N		043
38	022945274	210600	23.01	62.82	965	05094 27		W N	10.5s launch detect delay	044
39	032335272	210621	22.99	62.82	960	05146 ?		W N	Rev E sonde w/o V-regulator; full up, -2.2mb pbias; very high winds	046
40	023235222	211804	22.82	63.01	952	33142 28		W NW	2.5s launch detect delay, -2.0mb pbias	047
41	022945276	211837	22.83	63.04	957	34094 132		N NW	5.0s launch detect delay, 2.4mb pbias	049
42	030815235	211910	22.84	63.07	962	35084 22		W NW	-3.1mb pbias	050
43	023235242	214220	23.22	64.80	1001	02058 10			-3.9mb pbias	051
44	0232352085	214527	23.26	64.19	1002	03578 10			5.0s launch detect delay	053
45	023235223	215044	23.29	64.23	1004	04078 10			-3.4mb pbias	054
46	032335113	220855	22.85	63.07	961	32093 56		W W	-2.5mb pbias	055
47	032335367	220932	22.85	63.03	950	32581 6449		W N	Rev E sonde w/ V-regulator full up; -3.7mb pbias	057
48	032146039	220951	22.85	63.00	945	31065 10		W N		059
49	032335068	221520	23.01	62.71	952	08135 62		N N		056
50	032335111							W N	no launch detect, fast fall	X
51	032146068							W N	no launch detect, fast fall	X
52	032335313	224506	22.93	62.83	939			eye	-4.0mb pbias	060