

One AVAPS system down

N473RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

SEP 02

Storm FabianDropwindsonde Scientists AberssonPage 1 of 3Flight ID 030902HFlight Director Flaherty / ShepardTakeoff from St Croix at 145513 UTCMission ID N0042 WX10A

FABIAN

AVAPS Operators Peek / DelgadoRecovery at St Croix at 000630 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 #
1	02355223	172123	20.31	60.28	975	W 100	010		W SE	delayed 1.5 min, bad data?	X
2	02355253	172154	20.34	60.32	979	14582	060		W SE		003
3	032146066	172230	20.38	60.36	973	14095	013		W SE	8s launch detect delay, full up	004
4	023618007	172259	20.41	60.39	966	12618	103		W SE	tried to flag all winds as bad Called, not timed, spotty winds	005
5	032318019	193329	20.76	61.09	952	03117	455	27.5	W NW	full up, -2.9 mb pbar	007
6	023535237	193346	20.77	61.11	953	34629	045		W NW		008
7	023555249	193438	20.81	61.15	—	—	—		W NW	19s launch detect delay, no data below 785 mb	006
8	023535394	193447	20.81	61.16	968	35096	032		W NW		009
9	023618003	200035	20.51	61.08	956	28084	013		W W	late launch detect, 81s	011
10	023555251	195941	20.49	61.15	962	28104	024		W W	9s launch detect delay, pbar 2.1 mb	012
11	023555256	195946	20.49	61.14	960	27079	055		W W		013
12	032335114	200014	20.50	61.10	955	27063	032	27.6	W W	pbar -3.7 mb	014
13	032335348	201516	20.68	60.78	959	12620	067	26.9	W E	late launch detect 8.5s, full up	015
14	023618004	201540	20.69	60.75	964	12095	039		W E	pbar -3.1 mb	017
15	023555252	201553	20.70	60.73	966	13096	065		W E	pbar -3.7 mb	018
16	023535392	201610	20.70	60.71	963	12093	010		W E		019
17	023555254	203844	20.51	59.99	1002	15054	010	26.0		pbar -2.7 mb	020

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

SEP 02

Storm Fabian Dropwindsonde Scientists Aberson Page 2 of 3

Flight ID 030902N Flight Director Flaherty / Shepard Takeoff from St Croix at 145513 UTC

Mission ID WX10A FABIAN AVAPS Operators Peck / Delgado Recovery at St Croix at 000630 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 #
18	023535393	204048	20.42	59.97	1003	15562	012				021
19	023535418	204410	20.28	59.95	1004	16541	010				022
20	023535416	204638	20.17	59.93	1004	16543	010			9s launch detect delay, 2.6mb pbias	023
21	023535426	210746	20.74	60.63	980	12601	010		W E		025
22	032335320	210803	20.74	60.65	977	14590	034		W E	pbias - 5.0 mb, full up	026
23	022915134	210821	20.74	60.67	976	13105	057		W E	3.5s launch detect delay	027
24	023555248	210851	20.74	60.71	—	14115	624		W E	3.5s launch detect delay, no data below 920mb	028
25	023535424	211741	20.56	60.97	957	19109	111		W SE	3.0s launch detect delay	029
26	022918005	211810	20.54	60.94	959	18611	010		W SE	-3.2mb pbias	030
27	022945061	211825	20.52	60.93	965	20123	119		W SE	-3.5mb pbias	033
28	032335353	211840	20.51	60.92	966	20120	196		W SE	-4.2mb pbias	034
29	022945063	214117	20.50	60.00	1003	15540	010			4.0s launch detect, -2.2mb pbias	035
30	022945068	214255	20.54	59.88	1005	15545	010			-4.5mb pbias	036
31	022945066	214427	20.62	59.80	1005	14547	010			-4.9mb pbias	038
32	022918009	221207	20.99	60.84	977	10597	010		W NE	-3.5mb pbias	039
33	022918011	221243	20.97	60.87	974	10133	107		W NE	3.5s launch detect delay	040
34	022918007	221340	20.94	60.91	968	10615	?		W NE	-3.2mb pbias	041

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

SEP 02

Storm Fabian

Dropwindsonde Scientists *Aberson*

Page 3 of 3

Flight ID 030902N

Flight Director Flaherty/Shepard

Takeoff from St Croix at 145513 UTC

Mission ID WX10A FABIAN

AVAPS Operators Peek / Download

Recovery at S+ Croix at 0000 UTC

[illegible]