

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

Storm Fabian Dropwindsonde Scientists Shirley Murillo Page 1 of 2
 Flight ID 030831N Flight Director Jack Parrish Takeoff from St. Croix, USVI at 1729 UTC
 Mission ID 0110A Fabian AVAPS Operators Chris Hornbroke & Dore Brogan Recovery at St. Croix, USVI at 2357 UTC

Drop #	Sonde ID #	Time (UTC) hhmmss	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	DLM wind (kt)	Comments	SATCOM tries	Ob #
✓ 1A	024125110	180742	18.708	60.994	1017	7 92	6	intermediate sonde resend forgot	2	1
✓ 1	023535228	181541	18.994	59.996	1009	14 70	8	storm name in mission ID intermediate sonde for J. Dunion to sample SAL	2	2
✓ 2A	023535423	182110	18.933	59.162	1016	14 93	11	intermediate sonde for J. Dunion to sample SAL	4	3
✓ 2	024125070	182939	18.901	58.222	1015	19 83	14	western CDO of Fabian, dry @ 500mb	1	4
✓ 3	023535225	184658	20.942	57.411	1014	17 86	11	sounding really dry @ 500 mb could be SAL	1	5
✓ 4A	023555084	185727	22.042	58.139	1017	15 82	6	not as dry as previous sondes	1	6
✓ 4	023535234	190755	23.119	58.903	1018	17 70	4	sounding moist @ upper levels	2	7
✓ 5	02353531	192909	25.300	60.452	1020?	17 64	5	scattered cu resend wrong ob#	3	8
✓ 6	023535233	195011	27.517	61.811	1021	14 59	9	sounding moist @ upper level	1	9
✓ 7	023535227	200346	27.751	59.988	1022	13 71	10	really dry below 500mb SAL?	5	10
✓ 8	023535207	201752	27.944	58.036	1027	— 77m?	9	high cirrus shield, weird processed drop!?	1	11
✓ 9	023618037	203559	23.929	56.049	1021	17 95	8	strato cu deck below resends	2	12
✓ 10	023535411	205429	23.929	56.048	—	— 2385?	2	Last telemetry ~ 800mb	1	13
✓ 11A	023535202	210345	22.912	55.569	—	—	—	high cirrus, Last telemetry not transmitting		14
✓ 11B	023535365	210920	22.321	55.294	1018	22 88	14	opaque outside, sounding moist	6	15
✓ 11	023535208	211339	21.883	55.036	1002	25 213?	18	visibility - nil, white outside	2	16
✓ 12	023535371	213242	20.897	52.842	1015	27 90	26	sounding moist throughout, dry @ 400mb	1	17

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