

TRANSMITTED 12 of 18  
2/18 WERE PROTOTYPE

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

Storm FRANCES Dropwindsonde Scientists Dave Rogers / Uhlhorn Page 1 of       
 Flight ID 040831F Flight Director T. Shepherd Takeoff from Barbados at 1455 UTC  
 Mission ID 1106A AVAPS Operators R. TONG / J. SMITH Recovery at " at      UTC

PROTOTYPE

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface spd (kt) hgt (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	010 715 060	165837	18.94	65.63				RB	NO WINDS	X
2	014 815 040	170009	19.03	65.57				RB	NO WINDS	X
3	004 255 307	171107	19.65	65.15				RB	NO WINDS 98's late	X
4A	024 415 412	172004	20.19	64.91				EW/SW	UBLOX sonde - No real-time winds	X
5	014 515 034	172131	20.29	64.89	942.8			E		22
6	010 715 095	173100	20.82	64.58	991	80 8		RB	T failed! I sent anyway	32
7	014 515 036	173754	21.20	64.35	1004	80 305		"	winds dropped out at ~ 500 m	33
8	003 825 175	181806	22.11	65.08		40 6			away from 6 in N	35
④	003 825 170	172003	20.19	64.91				EW/SW	Control sonde for UBLOX test	38
9	010 715 059	190100	21.14	-66.77		35 19				40
10	014 515 042	190720	20.93	66.57						45
11	014 335 037	191317	20.73	66.03	995	60 9		RB		47
12	024 415 354	192131	20.48	65.53				NW/Eyewall	UBLOX sonde - No real-time winds	X
12A	003 838 015	192131	20.48	65.53		122 156		EW/NW	Control sonde for UBLOX test	51
13	014 515 044	192317	20.42	65.42	946.4			E		52
14	014 515 039	192634	20.32	65.20				EW/SE	FAST FALL	X
15	014 335 036	193057	20.18	64.95	987.6	96 68		RB		55

EW failed

Leg 2 start fail

16 014 415 051 193706 19.98 64.58 1 42 16 RB (56) 1721 20.19 64.53  
 1001 1721 20.19 64.53