

040901I

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

Storm FRANCESDropwindsonde Scientists Dodge/Rogers/DahlhornPage 1 of 3Flight ID 040901IFlight Director T. SHEPHERDTakeoff from BARBADOS at _____ UTCMission ID WX06AAVAPS Operators R. Tong / J. Smith

Recovery at _____ at _____ UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface		BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
						dir/spd (kt)	hgt (m)				
1	010715090	16424	20.75	-18.69	1007.7	170/44	7			1st / had to find SFC	8
2	0144 18049	164947	21.07	69.15	1003.2	179/48	20	27.8		+ BT ch 16	13
3	014 ⁵¹⁵ 041	170122	21.56	69.87	974	171/27	56		W/SE		25
4	004 ²⁵⁵ 293	170153	21.58	69.90	976					four winds NO HEI	X
5	001 ⁹¹³ 351	170119	21.597	69.93	967	169/24	69				15
6	014 ⁵¹⁵ 038	170253	21.62	69.96	963	193/26	76		W/SE		18
7	014 ⁴¹⁵ 050	171150	21.84	70.52	959	22/108	28		W/NW		20
8	010 ⁷¹⁵ 089	171219	21.85	70.54	961	?	?			PTH FROPP?	23
9	014 ⁴¹⁵ 052	171248	21.87	70.57	971.3	340/20	58				62
10	011 ³³⁵ 020	171302	21.89	70.6					W/NW	NOTHING BELOW 910 MB	X
11	011 ²⁴⁵ 298	172230	22.22	71.14						NO WINDS CH 12 (NGW)	X
12	011 ²⁴⁵ 311	173505	22.69	71.92						BT CH 14, NO WINDS	X
13	011 ²⁴⁵ 307	175931	21.05	72.22						NO WINDS	X
14	011 ²⁴⁵ 299	182011	21.55	71.03						SONDE W FROPPED UP MAYBE	X
15	011 ²⁴⁵ 312	182502	21.68	70.73					W/SW		
16	010 ⁷¹⁵ 093	182534							W/SW		
17	004 ²⁵⁵ 105	182605							W/SW	File too long truncated	

1707 21.944° 70° 16' 942

1829 21° 5' N 71.070

1859 AF FIX
AF 21° 53' 7034'

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20/36 Transmitted

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Storm FRANCES Dropwindsonde Scientists see page 1 Page 2 of 3

Flight ID 040901 Flight Director _____ Takeoff from _____ at _____ UTC

Mission ID WX06A AVAPS Operators _____ Recovery at _____ at _____ UTC

WASTN LOCATED UP 1835
 JEFF RE: MT FOR US AFTER WKSTN CRASH

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	010 ⁷¹⁵ 086	182637	21.74	70.63		298 99	276		W/SW		36
19	011 ²⁴⁵ 103	183337	21.97	70.21	970	127 150	336		W/NE	RH funky? DID NOT APPEND to MS	39
20	011 ²⁴⁵ 306	183354	21.98	70.18	967	110 140	33		W/NE	FILE SAFU	44
21	011 ²⁴⁵ 012	183411	21.99	70.15					W/NE		
22	011 ²⁴⁵ 310	183444	22.0	70.13					W/NE		
23	003 ⁸²⁵ 140	184257	22.20	69.64	997	128 60	6		RB		68
24	011 ²⁴⁵ 314	185635	22.45	69.89	1004	121 44	33				69
25	011 ²⁴⁵ 153	193230	23.17	70.65					RB	NO WINDS	X
26	011 ²⁴⁵ 148	194114	22.63	70.68						BT failed	
27	011 ²⁴⁵ 368	194702	22.28	70.67					W/N		
28	010 ⁷¹⁵ 091	194744	22.25	70.68	960	77 134	202		W/N		51
29	011 ²⁴⁵ 147	194744	22.22	70.68	953	70 140	108		W/N		47
30	011 ²⁴⁵ 016	194846	22.18	70.68		74 80	36		W/N		49
31	011 ²⁴⁵ 308	200234							W/S	FAST FALL	X
32	011 ²⁴⁵ 297	200328							W/S	NO WINDS ??	X
33	011 ²⁴⁵ 145	200351	21.75	70.76	956	249 112	134		W/S		55
34	003 ⁸¹⁵ 281	200412	21.72	70.77	962	248 120	272		W/S		57

1952 CTR 21°58' 70°41'

