

259 ²³⁵ 25.4 26.4
 4A 1728 2326 2705

1925
 25.50 77.12

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

Storm Frances Dropwindsonde Scientists M. Black Page 1 of 2

Flight ID 040903I Flight Director Tom Shepherd Takeoff from McDill at 1510 UTC

Mission ID 2406A AVAPS Operators Jeff Smith, Ray Tong Recovery at New Orleans at 2323 UTC
FRANCES MAS

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	032335233	155843	27.0	79.2	1009	016/33	10			Gale Force 340 mi NW	12
2	014335086	161723	26.19	78.25	1000					Humid Lane Force 60 mi NW	14
3	03455160	163831			987						43
4	032335211	164028	25.81	77.6	987						45
5	014335085	162852	25.8	77.6							46
6	032335410	164500									51
7	034615138	164512							W/SE		
8	032345141	164522									32
9	032335415	164638									19
10	034615140	165144								NLD	
11	034615140	165356								NLD	
12	032335418	165832	27.1	75.7							23
13	032335238	165855	26.4	75.8	999					GLINTS	39
14	032345154	182712			966						41
15	034615141	182226							W/NE		53
16	034918150	182239							W/NE		57
17	032335416	182603							E		58

Quadrant SFMR
 64 kt
 Eye wall NW
 6 1625
 Eyewall
 50
 64 kt 50
 GLINTS
 64 kt 50
 64 kt 50
 Eyewall NE
 5 eye

034615143
 62

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Storm Frances Dropwindsonde Scientists _____ Page ____ of ____
 Flight ID 040903T Flight Director _____ Takeoff from _____ at _____ UTC
 Mission ID _____ AVAPS Operators _____ Recovery at _____ at _____ UTC

Eye wall SW
 64 kt
 W 34 kts
 34 kts South
 EWF N
 20-30 kts
 15-25 kts

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	032335408	189134			992						60
19	032335541	184146			992						61
20	032335407	194531			992						64
21	032335267	190021			1005						65
22	034918171	19320			1005						67
23	032335397	20055 D								NLD	
24	032335222	200357	25.14	77.2					W/N		
25	032335266	20217			976				W/N		69
26	032335014	202133			975.2				W/N		70
27	034415167	202137			992				W/N		72
	032335046	203057	26.68	77.6						H Force winds, N	73
28	032335066	20300								NLD	
29	033048047	20540			1009						75
30	032815146	2124K			1009						76

2013 enter 25°48' 77°14' 959