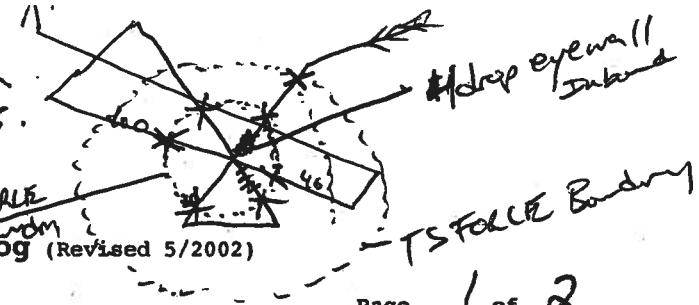
Jim

Drops at 34 kt Radius, IT traversed
" " 64 kt " " "
4 Drop Eyewall Sequence on Inbound leg 30sec separation
switch to 20sec on 2nd pass.



convergent

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

Storm IVAN Dropwindsonde Scientists P. Leighton Page 1 of 2

Flight ID IO40909I Flight Director T. Shepherd Takeoff from St. Croix at 1500 UTC

Mission ID WX09A IVAN AWAPS Operators J. Smith / T. Lynch Recovery at McDill at 2310 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	032815107	162124	16.2	69.2	1010.7	100/38	MBL		NE 34kt Rad	8000 34kt Radius NE Quad	12
2	032815032	163145	15.0	71.1	997.4				NE 64kt Rad	outer Rainband edge	
3	033148008	164130	14.6	71.6		1			NE Eyewall 1		
4	033648031	164220	14.6	71.6					" " 2		
5	032815031	164230	14.6	71.6		139/13	13		" " 3		19
6	033648025	164253	14.6	71.6					" " 4	Eye	
7	032815108	165000	14.3	72		305/70	MBL		SW 64kt	8000	22
8	033415240	173030	14.2	71.3		215/60			SE 64kt Rad	10,000	25
9	033048022	173500	14.64	71.73	997.6				SE Eyewall 1		
10	033415393	173500	14.65	71.75		141/06	15		"	2	29
11	033415306	173948	14.66	71.77					"	3	
12	033415312	174035	14.67	71.82	924				EYE	Center Fix	28
13	033415053	174024							XNW 64kt	Bad No Lat/Lon	
14	033418017	175126	15.2	72.36	993.3	030/59			NW 64kt	Bad 8000	32
15	033518002	180550	15.9	73.11	1005	045/47			NW 34kt	Bad Called Early	36
16	033418024	182040	15.1	73.3		025/41			WNW 34kt	Bad	38
17	033418061	183550	14.9	72.5		338/25			WNW 64kt	Bad	40

348/70 MBL

??? Some Co... ???

110/29.6 Fa

Some to Surf

Shear Not to Surface

more Eye than Eyewall

14.40 71.48 920 mb Splash 922.6 924.1

1

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

Storm IVAN Dropwindsonde Scientists P. Leighton Page 2 of 2

Flight ID 040909I1 Flight Director J. Sheppard Takeoff from St Croix at 1500 UTC

Mission ID NOAA IVAN AVAPS Operators J. Smith / T. Lynch Recovery at MacDill at 2310 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	033 415 310	18:42:50	14.7	72.0					WNW Eyewall	Fast Fall	0
19	033 415 085	18:43:10	14.7	72.0	925.4	315/61			" "	2	42
20	033 418 015	18:43:30	14.7	72.80					" "	3	0
21	033 418 023	18:43:50	14.76	72.					" "	4	0
22	033 415 309	18:52:40	14.6	71.4	992	155/76			SSE 64 kt Rad		41
23	033 415 307	19:03:25			1003.7	165/48			SSE 34 kt Rad		46