S 2151 21°19' 84°56
157 kts 912 mb

#2352 21°33' 85°04 914 mb

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

Storm IVAN Dropwindsonde Scientists M. Black Page 1 of 1

Flight ID 040913I Flight Director Tom Shepherd Takeoff from MacDill at 2001 UTC

Mission ID 3009A IVAN AVAPS Operators J. Smith, Damon Santos Souri Recovery at 02: at ____ 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	033415294	211419	23.48	83.72	NO	WIN			S	IP ~ 180 NE Strong down	
2	033415197	211656	23.35	83.81	1003.7	82/45	10	—	19 m/s SFMR	Back up to IP - 1/2 down! NE	13
3	032815100	215613	22.19	84.55	985.2					Strong RB ~ 60 mb	16
4	033415038	214642	21.57	84.83	—	—	—			Failed at ~866 mb	22
5	034618008	214655			928					175+ kts deep layer	
7	034955035	215407	21.15	85.03	936		176			OPEN side SW exiting	18
8	034955037	215419					243				20
9	033415076	2202	—	—	NO	WINDS	—			Big updraft	
6	033415124	214749		—	926	130	[illegible]		EW	eyewall NE	34
10	034615073	23336	10		1003					Gale Force	36
11	034955020	233449			988					Hurricane SE, 50 miles	43
12	034918147	231826			985.2						45
13	034955027	234833			926						48
14	033415258	234844			926						49-50
15	034918139	235439			930						
16	034955023	235423			927						54
18	033415037	002156	NO	WINDS						DLD 69 S; no winds above 925 mb	
HFNW 17	033415039	001349			996.0						53
GPS 19	034918018	002350			1000.7						58

RB → ONE eyewall

SW eyewall

BSE — RBE

Hurricane

Eyewall SE

Eye NW

NW