



Dave

~~Wassinger~~ Kassinger

2809A IVAN

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

Storm IVAN Dropwindsonde Scientists P. Leighton Page 1 of 2

Flight ID 10909121 Flight Director T. Sheppard Takeoff from MacDill AFB at 0900 UTC 09:00

Mission ID 2809A IVAN AVAPS Operators J. Smith / K. Lynch Recovery at MacDill AFB at 1725 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	033415203	104247	21.2	82.7	1004.7	38/17.8		NW	34kt radius track 150°	16 ✓
2	033418059	110930	19.8	81.9	998.0	51/31.4		NW	64kt radius track 150°	19 ✓ 1108
3	033415025	112840	18.7	81	925.4			NW 1	Eyewall late	20 ✓
4	032815098	112853	18.7	81				NW 2	Eyewall	21 ✓
5	033415295	112856	18.7	81				NW 3	Eyewall	22 ✓ 1842 81.8
6	032815027	113205	18.6	81	934.1	135		SE	Eyewall track 145°	24 ✓ 1801 920mb
7	033415036	114540	17.9	80.5	993.1	200/75 mbl		SE	64kt rad No LAUNCH Det.	25 ✓
8	033415335	114606	17.9	80.5	993.1	200/75 mbl		SE	64kt rad	27 ✓
9	033418060	115610	17.3	80.2	1001.4			SE	34kt rad	30 ✓
10	033418052	123950	19.8	79.1	1006	120/41 mbl		NE	34kt rad 240°	31 ✓
11	033415304	124410	19.7	79.4	1006	130/49 mbl		NE	64kt rad 240°	32 ✓
12	024415352	130710	18.98	80.78				NE	Eyewall 1 UBLOX Sonde	33 ✓ 1316
13	024415353	130720	18.98	80.79				"	" 2 UBLOX sonde; No PTH below 809mb	34 ✓ 1891 8137
14	024415347	130736	18.97	80.81				"	" 3 UBLOX Sonde	35 ✓
15	023415300	132345	18.6	81.9	973.2	315/47 mbl		SW	SW Near outer Eyewall	47 ✓
16	032815109	132813	18.5	82.2	988.9	310/26.3 25		SW	64kt Radius track 250	48 ✓
17	033415195	134540	18.0	83.5	1005.2	314/17		SW	34kt Radius track 240	51 ✓

320/39 mbl

New Sonde = Follow up

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Storm IVAN Dropwindsonde Scientists P. Leighton Page 2 of 2
 Flight ID 10409121 Flight Director T. Sheppard Takeoff from MacDill at 09100 UTC
 Mission ID 2509A IVAN AVAPS Operators J. Smith Recovery at MacDill at 1725 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt) (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
18	033415260	141803	16.6	82.3	1005.7	265/40 mbl 23		S	34kt rad, touching 15°	52 ✓
19	033415313	144155	18.25	81.8	984	255/79 mbl		S	64kt rad. touching 15° Inland	56 ✓
20	033415319	144607	18.5	81.7	966.9	246/103 mbl		S 1	outer eyewall 15°	61 ✓
21	033415259	144618	18.5	81.7				S 2	outer eyewall 15°	60 ✓
22	033415317	144634	18.5	81.7	969.4	11m		S 3	outer eyewall 15°	60 ✓
23	033415238	145510	19.0	81.6	932	44/52.1		N	inner eyewall track 20°	63 ✓ 1856 8138
24	033415316	145955	19.3	81.5				N	outer eyewall	64 ✓
25	032815110	151048	20.0	81.2	946.8	085/80 mbl		N	64kt 20°	65
26	033415122	153805	21.6	80.9	1006	080 44 mbl		N	34 kt. 20°	67
21	033415259									

1856N

1452 81.34