Dana

~~Kasp~~ Kassinger

2509A IVAN

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

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Flight ID I0909RI1 Flight Director T. Sheppard Takeoff from MacDill AFB at 0900 UTC 09:00

Mission ID 2509A IVAN AVAPS Operators J. Smith / T. 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 m/s			NW	34kt radius Trk 150°	16
2	033418059	110930	19.8	81.9	998.0	57/31.4			NW	64kt radius trk 150°	19
3	032815025	112890	18.7	81.	925.4				NW 1	Eyewall late	0
4	032815098	112853	18.7	81.					NW 2	Eyewall	0
5	033415295	112856	18.7	81.					NW 3	Eyewall	0
6	032815027	113205	18.6	81.	934.1	135			SE	Eyewall trk 145°	24
7	033415036	114540	17.9	80.5					SE	64kt rad No LAUNCH Det.	0
8	033415316	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°	36
11	033415304	124410	19.7	79.4	1006	130 49	MBL		NE	64kt rad 240°	37
12	024415352	130710	18.98	80.78					NE	Eyewall 1 UBLOX Sonde	0
13	024415353	130720	18.98	80.79					" "	2 UBLOX sonde; No PTH below 809 mb	0
14	024415347	130736	18.97	80.81					" "	3 UBLOX Sonde	0
15	033415300	132345	18.6	81.9	973.2	315/97	MBL		SW	SW Near outer Eyewall	47
16	032815109	132813	18.5	82.2	988.9	320/05 310/26.3	MBL 25		SW	64kt Radius trk 250	48
17	033415195	134540	18.0	83.5	1005.2	314/17			SW	34kt Radius trk 240	51

320/39 MBL

1108

18:42 81.8 720

@13:16 4891 8137

New Sonde = Full GPS

2509A IVAN

SSC

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

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Flight ID I040912I1 Flight Director T. Sheppard Takeoff from MacDill at 09:00 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 (kt)	hgt (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, ~~trunk~~ 15°	52 ✓
19	033415313	144155	18.25	81.8	984	255/79	mBL		S	64kt rad. trunking 15° Inband	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°	○ ✓
22	033415317	144634	18.5	81.7	964.4		11m		S 3	outer eyewall 15°	○ ✓
23	033415238	145510	19.0	81.6	932	44/52.1			N	inner eyewall trunk 20°	63 ✓ 1856 81.38
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

~~1856~~ ~~81.38~~ @1456