



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

Storm ISAAC Dropwindsonde Scientists Lisa Bucci Page 1 of 2  
 Flight ID 20120826H1 Flight Director Jess Williams Takeoff from MacPill at 18 UTC  
 Mission ID 2309A AVAPS Operators Steve Paul Recovery at JAX at 0246 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt)m/s (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
✓ 1	D20120826-203554	20:35:54	26.76	-82.7	1008.4	49.3/203 7.8		N	end North	
✓ 2	D20120826-205013	20:50:13	25.69	-82.54	1004.3	42.6/20.1 8.9		N	mid	
3	D20120826-210519	21:05:19	24.77	-82.16	996.6			N-AMW	RMW - fast fall/not sent	
✓ 4	D20120826-212456	21:24:56	23.50	-82.04	996.1	304.7/135 8.8		S	South end	04
✓ 5	D20120826-214939	21:49:39	24.00	-80.41	1001.2	135.4/138 6.9		E	end	06
✓ 6	D20120826-215940	21:59:40	24.00	-81.17	998.9	147.1/15.1 13.3		E	mid	07
✓ 7	D20120826-221518	22:15:18	24.02	-82.11	992.4	123.5/12.5 8.1		E	RMW	08
✓ 8	D20120826-221804	22:18:04	23.95	-82.29	991.9	103.1/3.6 8.9		eye	center	
✓ 9	D20120826-222306	22:23:06	23.95	-82.66	994.3	333.5/192 17.6		W	RMW	
✓ 10	D20120826-223311	22:33:11	23.95	-83.40	1000.1	2.3/18.2 8.6		W	mid	
✓ 11	D20120826-224401	22:44:01	23.84	-84.05	1003.1	2.8/17.8 8.4		W	end	
✓ 12	D20120826-225838	22:58:38	23.43	-82.99	998.9	333.5/149 7.8		SW	end	
✓ 13	D20120826-230626	23:06:29	23.81	-82.58	993.2	325.9/178 8.1		SW	RMW	
✓ 14	D20120826-231009	23:10:09	24.01	-82.42	992.2	47.9/5.2 8.1		NE	center	
15	D20120826-231320	23:13:20	24.17	-82.26	997.3			NE	RMW → NOT SENT early launch/data write over	
✓ 16	D20120826-232236	23:22:36	24.62	-81.78	997.3	113.2/14.5 7.2		NE	mid-late launch	
✓ 17	D20120826-232940	23:29:40	24.97	-81.41	1000.4	125.3/12.6 7.7		NE	convection	

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

Storm ISAAC

Dropwindsonde Scientists Lisa Bucci

Page 2 of 2

Flight ID 20120826H1

Flight Director Jessica Williams

Takeoff from MacDill at 18 UTC

Mission ID 2309A

AVAPS Operators Steve Paul

Recovery at JAX at 0246 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd hgt (kt)m/s (m)	BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
✓ 18	D20120826-233747	23:37:47	25.31	-81.26	1002.7	102.9/11.1 8.1		NE	end	
✓ 19	D20120827-000858	00:08:58	25.33	-83.95	1004.1	35.2/19.0 6.9		NW	end-late launch <sup>Strong 50 kt</sup> 825-900 jet	
✓ 20	D20120827-002303	00:23:03	24.64	-83.25	998.2	7.7/21.4 7.7		NW	mid	
✓ 21	D20120827-003123	00:31:23	24.24	-82.82	995.2	29.1/13.5 9.1		NW	RMW	
✓ 22	D20120827-003402	00:34:02	24.15	-82.66	993.9	51.6/16.7 8.3			center-dry to 900mb	
✓ 23	D20120827-004645	00:46:45	23.56	-82.00	998.4	107.4/15.0 7.4		SE	end	
✓ 24	D20120827-005538	00:55:38	23.50	-82.60	997.0	255.1/32.8 8.2		S	end-late launch	
✓ 25	D20120827-010008	01:00:08	23.79	-82.65	995.5	272/8.1 9.0		S	mid	
✓ 26	D20120827-010526	01:05:26	24.10	-82.80	994.7	349.4/14 11.8			center-early launch	
✓ 27	D20120827-012001	01:20:01	25.04	-82.82	1001.0	44.2/16.5 8.6		N	mid	
✓ 28	D20120827-013209	01:32:09	25.84	-82.80	1003.8	289/21.6 8.9		N	end	

LAST!