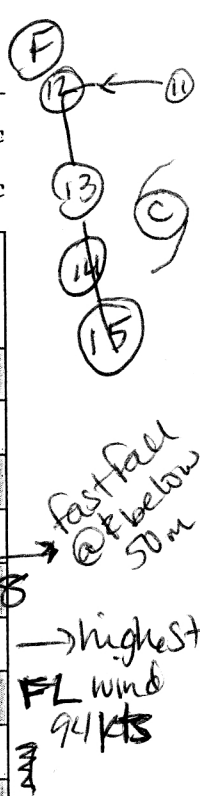


N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Matthew Dropwindsonde Scientists Kelly Page 1 of       
 Flight ID 2016100711 Flight Director JESS Takeoff from MacDill at 1750 UTC  
 Mission ID 3141A Matthew AVAPS Operators Steven Paul Recovery at MacDill at 0020 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 #
1	144545063	1841	29.50	80.44	949	35/11 10		eye	center	1
2	142745035	1913	31.1	79.3	999	95/46 10			end point (NE)	3
3	143255006	2026	28.5	79.9	999	21/26 10			end point (SE)	4
4	143215054	2051	30.2	78.8	998	153/37 10			end point (E)	5
5	143315060	2109	30.2	80.2	979	<del>144/38</del> 48		<del>maxwind</del>	messed maxwind	<del>8</del>
6	143245144	2111	30.2	80.3	970	135/76 10		<del>maxwind</del>	messed maxwind	6
7	141225033	2121	30.0	80.5	965	192/72 10		maxwind	FL=96kts	7
8	142625038	2151	30.2	80.4	966	185/69 10		maxwind	<del>FL=90kts</del> FL=84kts	9
9	144625137	2159	30.1	80.6	963	200/72 10		maxwind		10
10	142725079	2223	30.6	80.8	963	25/88 10		maxwind		11
11	142715012	2246	31.1	79.8	992	120/82 10		<del>maxwind</del>	end point (NE)	12
12	142725073	2313	30.9	81.2	983	9/56 10			98-100% RH entire column	13
13	143425123	2315	30.7	81.2	980	20/70 13			Partial fastfall	14
14	142835140	2322	30.1	81.1	981	281/46 10			<del>maxwind</del>	15
15	143855081	2324	29.9	81.0	986	204/44 10			<del>maxwind</del>	16



(A) = TDR

(B), (C), (D), (E) = ocean winds

(F) = offshore

(\*) sondes 14, 15: dry(er) near surface