

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

Storm Matthew

Dropwindsonde Scientists

Evan Kalina & Kelly Ryan

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Flight ID 2016100612

Flight Director

Dess Williams

Takeoff from

KMCF

at 1800 UTC

Mission ID 3014A

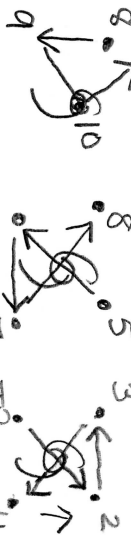
AVAPS Operators

Steven Paul

Recovery at

KMCF

at 0140 UTC



Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	htg (m)	BT SSR (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
1	143345039	1852	24.47	78.62	1000.4	29/39	10	✓		EP SW	21
2	142845053	1916	25.76	78.4	941.1	225/39	10	✓	eye wall	missed eye wall SW wall	3
3	144535072	1917	25.82	78.37	938.1	065/07	10	✓	eye	eye good	6
4	142625027	1919	25.93	78.29	948.9	071/118	12.4	✓	eyewall	NE wall	7
5	141225005	1940	26.98	77.11	1000.5	125/42	10	✓		endpoint NE	8
6	143345001	2013	27.28	79.93	1001.1	045/38	10	✓		endpoint NW	10
7	144535070	2039	26.2	78.6	945.2	355/64	12	✓	eyewall	NW wall	11
8	142625022	2041	26.1	78.5	939.1	205/18	10	✓	eye		12
9	143245145	2042	26.0	78.4	946.2	150/98	10	✓	eyewall	SE wall	13
10	143335048	2108	24.9	77.2	1001.8	145/39	10	✓		endpoint SE	16
11	144545053	2208	26.4	78.7	943.9	055/13	10	✓	eyewall	NE wall	18
12	142745124	2210	26.3	78.8	938.8	100/07	10	✓	eye		19
13	142755222	2211	26.3	78.9	948.0	250/69	10	✓	eyewall	SW wall	20
14	142755125	2323	26.4	78.8	940.3	155/96	62	✓	eyewall	did not hit sfc SE wall	24
15	142755070	2325	26.5	78.9	940.3	250/11	10	✓	eye		25
16	144545068	2327	26.6	79.0	949.1	355/33	10	✓	eyewall	NW wall	26
17	140155046	0049	26.8	79.0	936.8	325/2	10	✓	eye		30

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 Flight ID 20161006B Flight Director Jess Williams Takeoff from KMCF at 1800 UTC
 Mission ID 3014A AVAPS Operators Steven Paul Recovery at KMCF at 0140 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	Closest hgt (m)	BT SSR (°C)	Eye, Eyewall, Rainband (direction)	Comments	Ob #
18	143255052	0050	26.8	79.1	947.4	330/54	10	✓	eyewall	West Wall	31
19											

