

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

Storm Hurricane Harvey Dropwindsonde Scientists B. Klotz Page 1 of 1  
 Flight ID 20170825H2 Flight Director Mike Holmes Takeoff from Lakeland at 1401 UTC  
 Mission ID 1809A AVAPS Operators McAlister Recovery at Lakeland at 2317 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	143255535	163611	28.27	-96.24	1002.9	478, 24.9 10			bl endpoint (N.E. storm)	02
2	162655041	165316	27.16	-96.26	996.1	5.7, 42.9 10	fail		Max wind (N) eyewall	04
3		165400	27.10	-96.26	992.6	28.5, 52.6 10			backup maxwind	05
4	144635062	165639	26.92	-96.24	994.7	25.0, 8.7 10			center	06
5	144535111	165943	26.69	-96.24	992.3	—		fast fail	maxwind (S) - did not transmit	
6	160675060	171805	25.47	-96.25	1004.4	249, 16.6 10	30.1		endpoint (S) - BT erratic did not see	07
7	160625199	174839	27.03	-94.40	1005.5	162, 18.3 12	29.8		endpoint (E)	09
8	144635054	181400	26.99	-96.22	996.0	—			maxwind (ESE)	10
9	143325078	181649	27.14	-96.35	994.4	327, 3 10			center	11
10	143215075	181854	27.15	-96.51	959.8	319, 44 12	BT fail		maxwind (W), w/ BT	13
11	144635064	182444	27.15	-96.95	991.0	323, 24 10			endpoint (W), wmo not good	14
12	160215006	185701	27.07	-96.34	955.7	211, 42 10			maxwind (S)	15
13	142615121	190126	27.35	-96.19	963.1	88.4, 46 12			maxwind (ENE)	16
14	140145157	191429	27.48	-96.35	961.2	46, 37 10			maxwind → not sure of winds → don't transmit → low levels low fall speeds	
15	143335142	191518	27.42	-96.37	955	—			maxwind (NE)	17
16	142835052	192335	27.45	-96.32	960.3	—			maxwind (N)	18
17	141225043	200433	27.44	-96.37	953.5	44, 51 10			maxwind (NE)	19

18 142615018 200922 27.40 -96.23 963.4  
 19 141235003 202727 27.58 -96.36 955.1 68, 51 10  
 20 141225059 203821 27.62 -96.42 957.8

maxwind (E) → early launch → didn't process or process  
 maxwind (NE)  
 maxwind (NE) 20  
 21

- FRD Folder  
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- corrected KEMP