

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

18 mi eye

Storm MICHAEL Dropwindsonde Scientists Stanley Goldenberg Page 1 of
 Flight ID 20181009H2 Flight Director Holmes Takeoff from Lakehurst at 2011 UTC
 Mission ID AL14 AVAPS Operators NAC (Mike McAllister) Recovery at LL at 0553 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	20181009	2101	27.04	86.43	1001.7	230/10		empt	Combo-empt	
2	211417	2114	27.0	86.4	995.2	19/47 10		Midpt	Midpt Band	104
3	212812	2128			956.4	11/06 10		Center	Done by KR	
4	214208	2142	25.3	86.3	994.6	233/40 10		mid south		
5	214940	2149	24.8	86.2	998.1	230/30 10		Emd S		
6	223837	2238	26.4	84.6	1002.5	140/36 10	27.2	ELow		
7	225251	2252	26.4	85.7	991.9	138/59 10		EMid		
8		2306			955			Center	KY	
9		2310						RNW	KY	
10	2321	2321	26.5	87.5	995.7	04/30 10		Mid west	(wvw-04/34)	
11	2333 29	2333	26.5	88.4	1000.0	25/22 10		Emd W		error syntax
12	235102	2351	25.5	87.8	999.2	300/21 10		Emd SW		
13	000324	0003	26.1	87.1	993.5	293/30 10		SW Mid	(45x RH 2)	
14		0015				108/10		center	KR	
15		0019						RNW	KR	
15b		0021						RNG	KR	
16	0030 48	0030	21.4	85.7	997.2	108/5 10		Mid NE		Rx RFE

~~867~~ ~~2310~~

2306 - ctr
 2310 - RNW (w)
 2321 - wfil
 2333 - SW emd

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Storm MICHAEL Dropwindsonde Scientists Stanley Goldenberg Page 2 of
 Flight ID 2018106942 Flight Director Holtmes Takeoff from Zakeland at 2011 UTC
 Mission ID AL14 AVAPS Operators MAC (Mike Mc Allister) Recovery at LL at 0553 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 #
17	004139	0049	27.9	85.1	1004	103/36/18		NE End	No side wind	✓
18	014422	0144	28.1	87.9	1000.7	56/34/10		NE End		✓
19	015637	0156	27.6	87.2	994.6	45/40/10		NE End		✓
20		0210						CTR		
21		0213						RTW	MBI ends	←
22		0228						(Mid SE)	NI / end data	
23	023926	0239	25.8	85.0	1003.5	170/36/20		End SE	BSR RH(100%)	OK
									COYOTE AT 28.2 (28.2)	
24		0331						SE eye?		
	COYOTE	0331						Swall?		
25		0342						Eye end		
26		0355						Eye wall		
27		0413			982.3				fast fall	