



N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm WILMA Dropwindsonde Scientists Aberson Page 1 of 2
Flight ID 051021N2 Flight Director Flaherty Takeoff from T/A at 1822 UTC
Mission ID 1624 A WILMA AVAPS Operators Carpenter, Brogan, Rogers Recovery at T/A at 0215 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind closest to surface dir/spd (kt)	hgt (m)	DLM wind (kt)	Comments	Processed	SATCOM tries	Ob #
									(UBLOX sondes)			
1	053166198	185536	24.99	83.98	1009.7	115/21	10	145/18	in cloud; RH heating cycles			1
2	053166204	194115	21.27	83.81	1002.0	140/37	10	165/46	in cloud; RH heating cycles	III		2
3	053166123	195820	19.98	82.09	1005.5	160/24	10	180/35	in cloud; RH heating cycles	II		3
4	053166120	201732	18.13	83.50	1004.3	180/20	10	200/33	in cloud; RH heating cycles	I		4
5	053166195	203724	16.27	85.05	1004.4	240/11	10	225/22	clear, clear below; RH heating cycles			5
6	053156032	205117	16.33	86.75	1003.7	250/19	10	260/23	CU, SCu below			6
7	053166003	210805	18.19	87.48	999.5	245/37	10	280/39	in cloud; RH heating cycles			7
8	053166196	211849	18.37	86.07	999.5	235/33	10	240/42	in cloud	II		8
9	053166202	213233	19.48	84.61	1001.0	170/32	15	200/50	in cloud; RH heating cycles			9
10	053166201	215106	21.80	85.10	998.8	105/33	10	145/51	in cloud; RH heating cycles			11
11	053116133	220030	22.92	85.58	1002.9	080/42	12	120/40	in cloud, manually edited data strange through detect.			10
12	051946063	221012	24.01	86.11	1005.0	090/32	21	110/24	in cloud			12
13	053116137	222352	24.03	87.93	1005.2	060/26	18	060/28	clear above, cloud below; RH heating cycles			13
14	044535518	223827	22.95	89.42	1004.2	030/28	25	035/35	Some SCu, SCu; RH heating cycles			15
15	051946059	225252	21.28	90.02	1002.9	33/12	21	010/40	Non-by convection; RH heating cycles			14
16	053116130	230840	19.63	91.02	1003.5	—	—	—	flat, noisy GPS telemetry; RH heating cycles			17
17	053116131	232242	21.01	91.99	1006.4	350/27	10	005/28	SCu below, or from cloudy ~550mb			16



Mission ID IC24A WILMA AVAPS Operators _____ Recovery at _____ at _____ UTC