



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

Storm WILMA Dropwindsonde Scientists Aberson Page 1 of 2
Flight ID 051022N2 Flight Director Faherty Takeoff from TIA at 1717 UTC
Mission ID 1924A WILMA AVAPS Operators Rapports, Brogan, Carpenter Recovery at Savannah at 0050 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 #
1	053416015	F 174606	25.98	84.94	1007.0	08516	10	15516	in cloud; RH heating cycles; UBLOX sonde			1
2	053116132	F 184332	19.98	83.05	1003.4	17033	10	18538	10% Cu, whitecaps; RH heating cycles; UBLOX sonde			2
3	044535105	F 190127	18.01	84.02	1003.6	19521	10	80028	in cloud; RH heating cycles; UBLOX sonde			3
4	053116134	F 191858	17.04	86.01	1003.6	23529	10	24023	RH heating cycles; UBLOX sonde thin Ci; SCu below whitecaps			4
5	053116129	F 193155	17.79	87.40	1001.8	23529	10	27029	Ci above, 80% SCu below			5
6	053316135	194407	18.94	86.47	998.1	21537	10	24542	In cloud			6
7	053316164	195753	20.05	84.98	997.1	18544	10	20052	in cloud; RH heating cycles		1	7
8	053316145	200944	21.49	84.47	997.9	15544	10	17553	in cloud; RH heating cycles			8
9	051926166	202652	23.55	84.98	999.8	—	—	18037	no winds 2327-2652 mb; RH heating cycles in cloud, last wind at 381 mb			9
10	053316023	204106	24.63	86.48	1000.6	—	—	18021	dry 50% humidity 850-925 mb in cloud, thin cirrus, last wind at 241 mb			10
10A	051926163	204437	24.65	86.94	1001.5	—	—	08027	dry < 80% humidity 550-925 mb in cloud, last wind at 643 mb, no winds 757-855 mb			11
11	044535126	205516	24.63	88.33	1002.7	—	—	04515	just emerging from Ci, undercast last winds at 640 mb			12
12	053316015	211009	23.56	89.82	1002.7	04025	10	02028	above Ci			13
13	044535095	212523	21.80	90.40	1001.8	01538	10	36038	a midit conversion; late winds 74 S			14
14	051926137	213824	26.29	90.72	1003.2	32029	10	34031	60% Cu below			15
15	044135233	215637	21.04	92.91	1006.4	34024	10	35022	bar, banding in distance, whitecaps			16
16	012223174	221427	22.99	92.08	1005.8	36026	10	35524	late winds 21 S, weak electrometry near FPD 20% Cu, no winds 820-880 + 920-987 mb			17

↑ RH heating cycles



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Flight ID 051022N2 Flight Director _____ Takeoff from _____ at _____ UTC
Mission ID 1924A WILMA AVAPS Operators _____ Recovery at _____ at _____ UTC

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